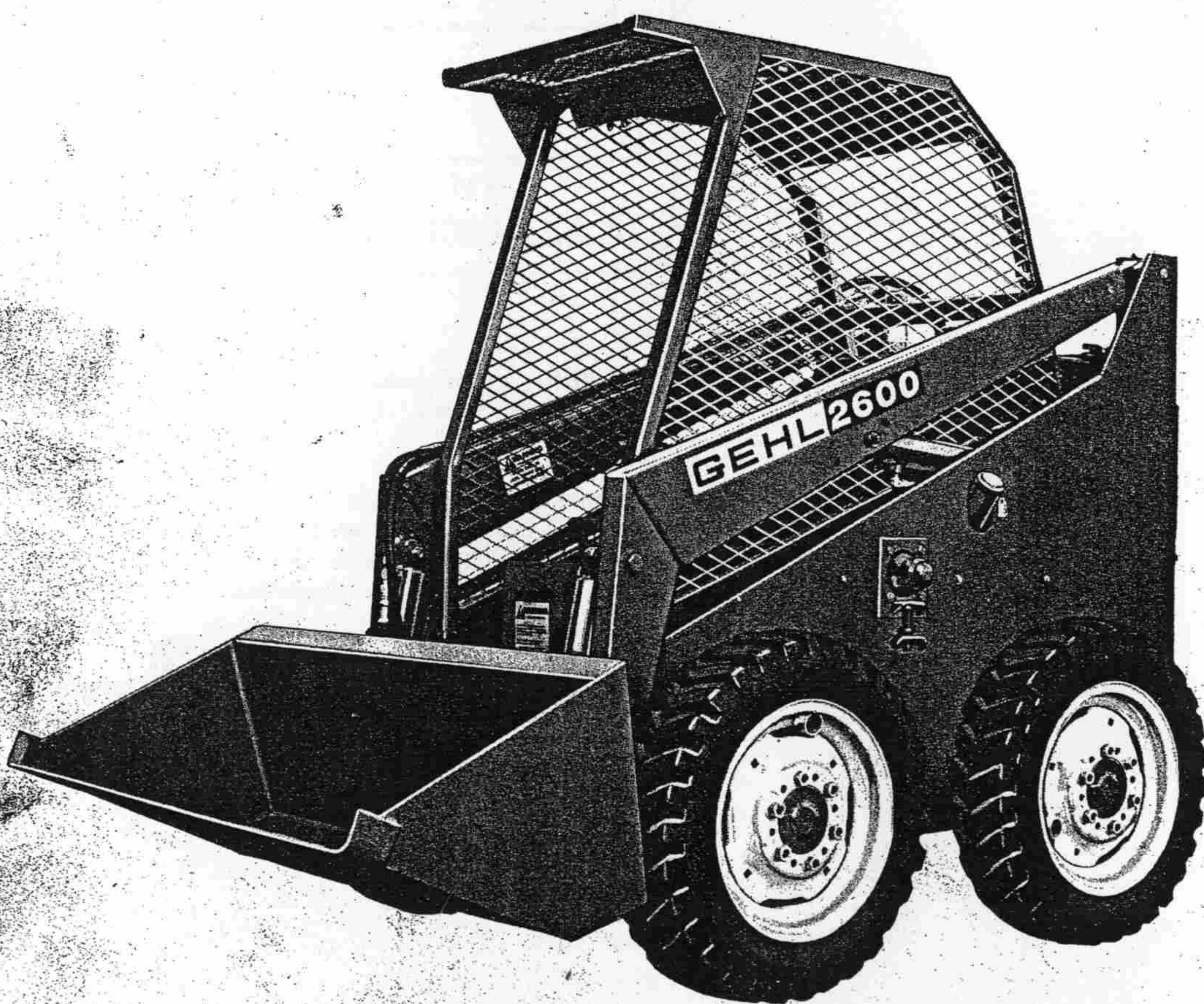


HL 2600 LOADER



OPERATOR'S MANUAL

Form No.
901989

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INTRODUCTION

Mr. Operator:

Your decision to purchase Gehl equipment is a wise one. You have made a sound and lasting investment. Gehl Company has been building quality equipment for well over a century. Our entire manufacturing and marketing philosophy is built upon quality. The quality built into Gehl products assure you the performance and reliability you need to make a profit. Your authorized Gehl Dealer is equipped to service your Gehl equipment. They maintain genuine Gehl service parts.

All service parts should be obtained from or ordered through your Gehl Loader dealer. Give complete information when ordering service parts. The model number and serial number should always be given. Numbers for the HL2600 appear on a plate on Right side of the Cross Brace. Record numbers in space provided as a handy record for quick reference.

MODEL NO. HL 2600
SERIAL NO.
GEHL COMPANY WEST BEND, WIS. 53095 U.S.A.

"Right" and "Left" are determined from a position sitting on the seat and looking forward. From this position, the Throttle Lever is on the Right.

Gehl Company reserves the right to make changes or improvements in the design or construction of any part without incurring the obligation to install such changes on any unit previously delivered.

This symbol,  used throughout this manual, means to read carefully the message that follows.

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GEHL HL2600 LOADER PRE-DELIVERY CHECK LIST

After the Loader has been completely set-up, check it to be certain it is in correct running order before delivering it to the customer. The following is a list of points to inspect. Check off each item as you have made the proper adjustments and found the item operating satisfactorily.

- _____ Visually inspect unit for any obvious damage such as dented, broken or missing parts. Report any discrepancies in quality or quantity of equipment.
- _____ Check Engine Assembly for secure mounting, loose connections and damage.
- _____ Check Fuel Tank, Fuel Lines, and fittings for leaks and damage. Tighten loose connections as necessary.
- _____ Check Battery for secure mounting, loose connections, cracks and proper Electrolyte. The Battery has been filled at the factory in domestic shipment.
- _____ Inspect the Tilt and Lift Cylinders for damage.
- _____ Check all hoses, clamps and fittings for damage and proper attachment. Inspect for fluid leakage.
- _____ Inspect Hydraulic Pump and Motors for damage and secureness of attachment. Observe for indications of leakage. Tighten if necessary.
- _____ Inspect Hydraulic Reservoir Hoses and Fittings for obvious damage and secureness of attachment. Check Filters for damage. Tighten components as necessary.
- _____ Be sure all grease fittings have been lubricated and Hydraulic System is filled to proper level. See "Lubrication" section in this manual.
- _____ Inspect Lift-Tilt or Lift Arm and Drive Control Levers for damage and freedom of movement.
- _____ Inspect Gauges for broken lenses and other obvious damage.
- _____ Check Wheels, making certain they are securely mounted and free of damage.
- _____ Inspect Tires for damage and proper inflation. Standard tires should be inflated 42-48 PSI and flotation tires 32-38 PSI for normal operating conditions.
- _____ Machine has been test run and all mechanisms are operating trouble free.
- _____ Be sure Lug Nuts on Wheels are tight.
- _____ Be sure Drive Chains are checked and adjusted properly.

This Gehl HL2600 Loader pre-delivery check list, when properly filled out and signed by the customer, assures that pre-delivery and delivery service was satisfactorily performed.

Signature (Set-Up Man)

Date Set-Up

Signature (Customer)

DELIVERY CHECK LIST

The check list that follows is an important reminder of valuable information that should be passed on to the customer at the time the Loader is delivered. Check off each item as you explain it to the customer.

- _____ Explain all the safety precautions the customer must exercise when operating the Loader.
- _____ Give customer the Operator's Manual instructing him to be sure to read it completely before operating machine and explain to him all operating instructions.
- _____ Explain to the customer that regular lubrication is required for proper operation and long life of the machine. Show customer the "Lubrication" section of this manual.
- _____ Explain "Service" section of the Operator's Manual.
- _____ Explain how important it is for the operator to thoroughly familiarize himself with all controls and how to operate them before operating this unit.
- _____ Explain to the customer that he must consult the Engine Operator's Manual for Engine operation and maintenance.
- _____ Advise customer to record all serial numbers in spaces provided in the Operator's Manual.

Dealer's Name _____

Date Delivered _____

By _____
Signature

(Note: Pages 5 and 6 have been removed at perforation)



SPECIFICATIONS

OPERATING INFORMATION

Operating Capacity (SAE) . . . 800 Lbs. (363 kilo)
Wheel Drive Variable Displacement Hydrostatic
Traction & Load Arm Control Dual T-Bar
Travel Speed 0 - 6 MPH

ENGINE

Make-Model Onan NHC/MS
Type Gas-Air Cooled
Numbers of Cylinders Two-Opposed
Horsepower 22.5 (SAE) @3300 RPM
Torque 41 Ft./Lbs. @2200 RPM
Displacement 60 Cu. In. (983.6 cc)

ELECTRICAL SYSTEM

Battery 12 Volt
Alternator Flywheel - 20 Amp
Starter 12 Volt

CAPACITIES

Fuel Tank 6.5 gal. (24.6L)
Engine Crankcase w/Filter 4.5 qt. (4.3L)
Hydraulic System 12 gal. (45.4L)
Hydrostatic Pump - 4000 PSI 13 GPM (49.2L)
Hydraulic System Pump -
2000 PSI 8 GPM (30.3L)

STANDARD EQUIPMENT

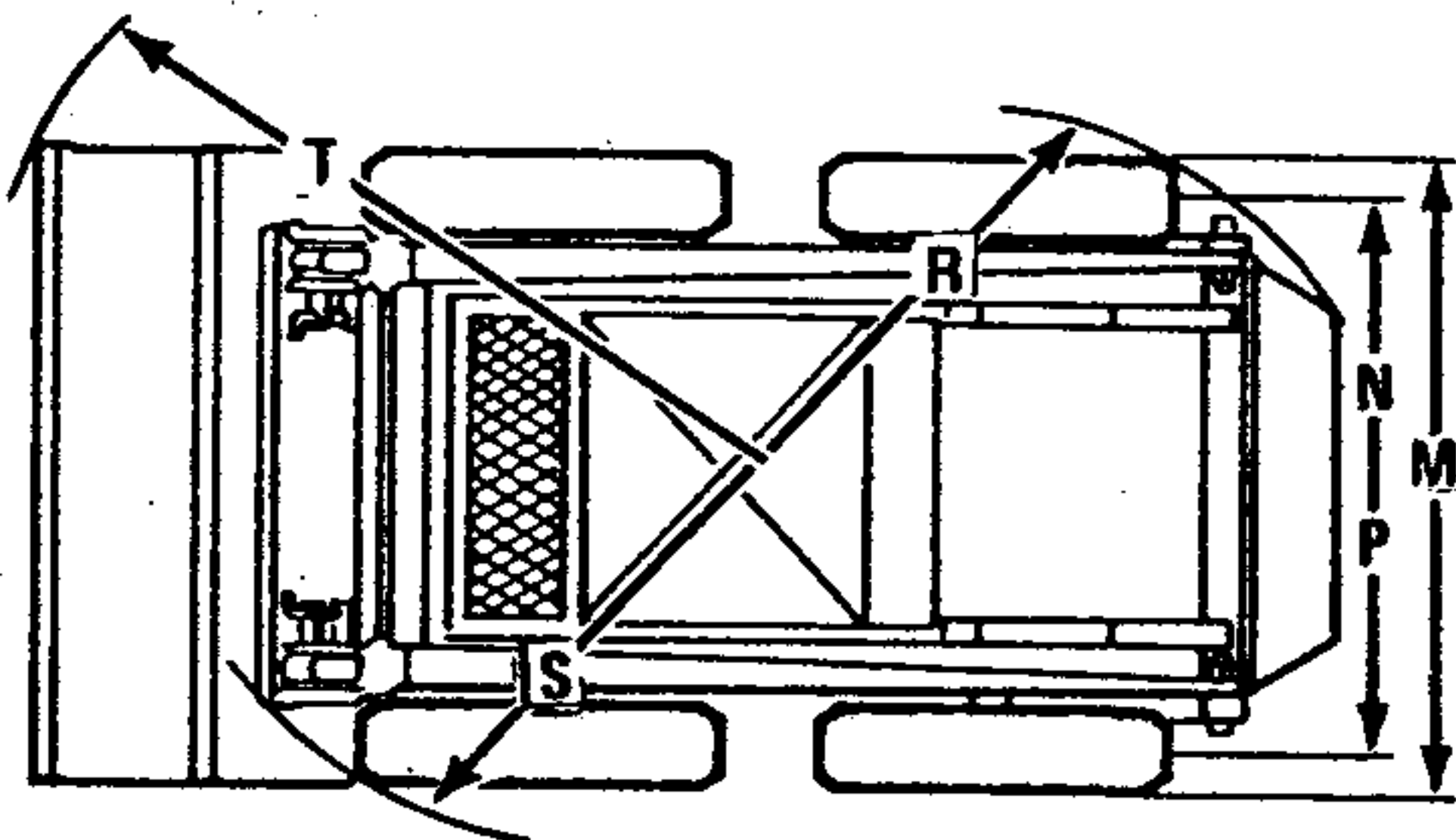
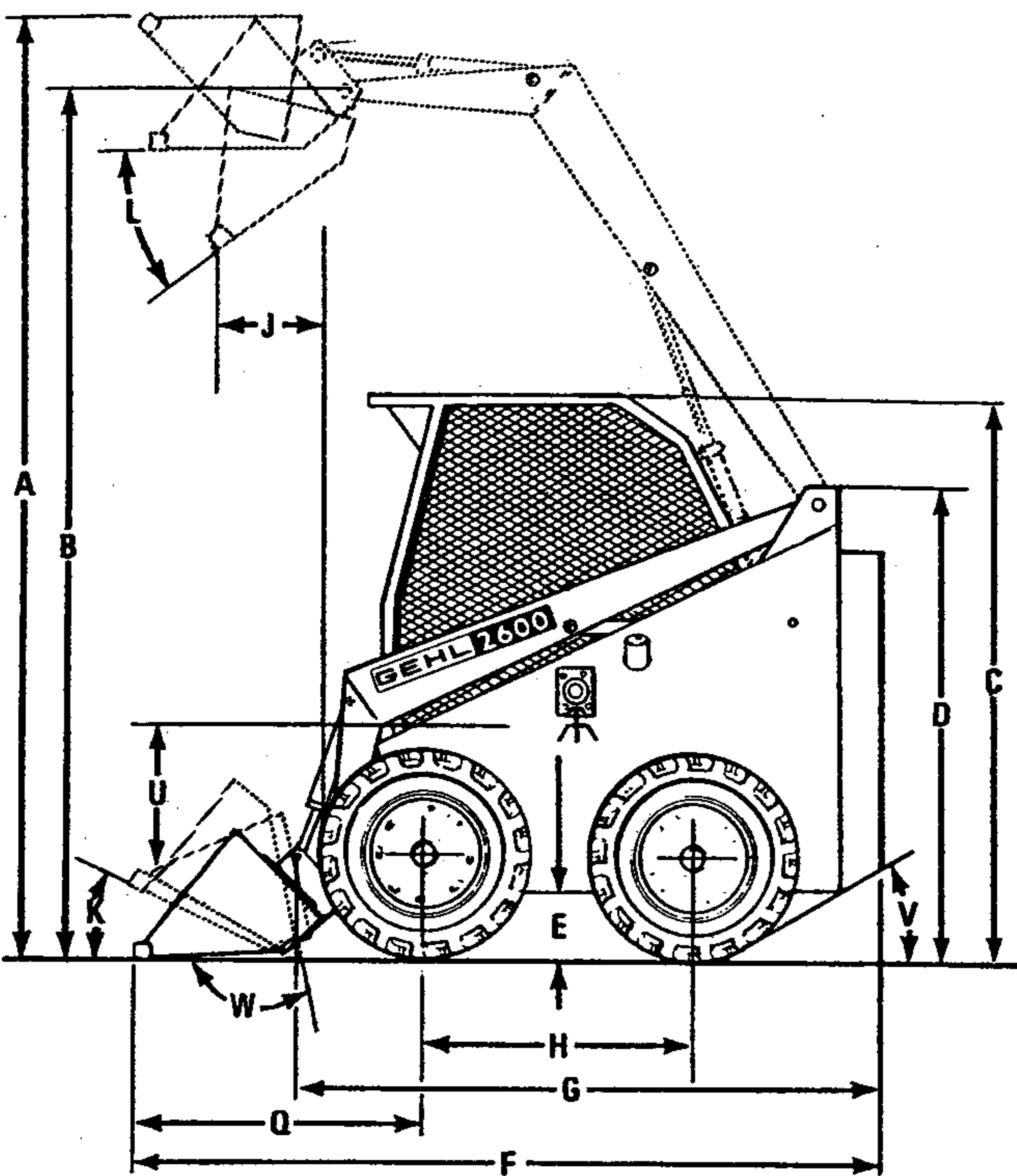
Seat Belt**Hand Throttle**Hourmeter**Ammeter**
Oil Pressure Gauge**Filter Condition Indicator Light**
Bucket Seat**ROPS With Side Screens**T-Bar Lock**
Load Arm Service Lock**Quick Switch Tool Bar**Key
Ignition & Start Switch**Hydrostatic Disengage For
Towing**Two Inch Double Acting Lift Cylinders**2.5
Inch Double Acting Bucket Cylinders**Electric Fuel
Pump**Dry Type Air Cleaner**Hydrostatic Relief
Valves**Oil Cooler.

OPTIONAL EQUIPMENT

		Struck Capacities
Utility Bucket	50" (1270)	5.5 cu.ft. (.16 cm)
Utility Bucket	54" (1372)	6.0 cu.ft. (.17 cm)
Fertilizer Bucket	54" (1372)	12 cu.ft. (.34 cm)
Produce Bucket	60" (1524)	11.0 cu.ft. (.31 cm)
Light Material		
Bucket	72" (1828)	15 cu.ft. (.42 cm)
Manure Fork	54" (1372)	7 Tines
Pallet Fork	30" Forks	
Hydraulic Grapple For Manure Fork		
5:70 x 15 Chevron Tires		
27 x 8:50 x 15 Flotation Tires		
Light Kit		
Hydraulic Kit		
Drawbar		
Dirt Teeth		

WEIGHTS

Shipping With		
5:70 x 15 Tires	2660 Lbs.	(1207 kg.)
Operating With 5:70 x 15 Tires		
With 175 Lb. Operator	2980 Lbs.	(1352 kg.)



KEY TO ILLUSTRATION

A. Overall Operation Height - Bucket Raised	(3048) 120"
B. Height To Hinge Pin - Raised	(2565) 101"
C. Height Top Of Operator Guard	(1740) 68.5"
D. Height To Top Off Riser	(1473) 58"
E. Ground Clearance	(229) 9.0"
F. Overall Length - Utility	(2388) 94"
G. Overall Length Less Bucket	(1918) 75.5"
H. Wheel Base	(813) 32"
J. Dump Reach	(343) 13.5"
K. Roll Back At Ground	25°
L. Dump angle	30°
M. Width - Overall With 5:70 x 15 Tires	(1270) 50"
N. Tread Width - 5:70 x 15 Tires	(1118) 44"
P. Width - Overall With 27 x 8:50 Tires	(1372) 54"
Q. Reach Ground - Utility Bucket	(927) 36.5"
R. Clearance Circle - Rear	(1092) 43"
S. Clearance Circle - Front Less Bucket	(978) 38.5"
T. Clearance Circle - Front With 50" Utility Bucket	(1473) 58"
U. Seat To Ground Height	(711) 28"
V. Ramp Angle	30°
W. Grading Angle	100°

Decal locations are shown to assist in application of new decals in the event of damage to the decal or refinishing of the machine. Check below for their locations. Fig. 1 and 2.

The Decal Set Number for HL2600 is 061475. The Set includes the following Decals:

-  **NOTE:** Always order decals by set number. **DO NOT** order decals separately.

 **IMPORTANT:** Always observe safety rules shown on decals.

Order paint for refinishing machines from this list:

-

Fig. 1

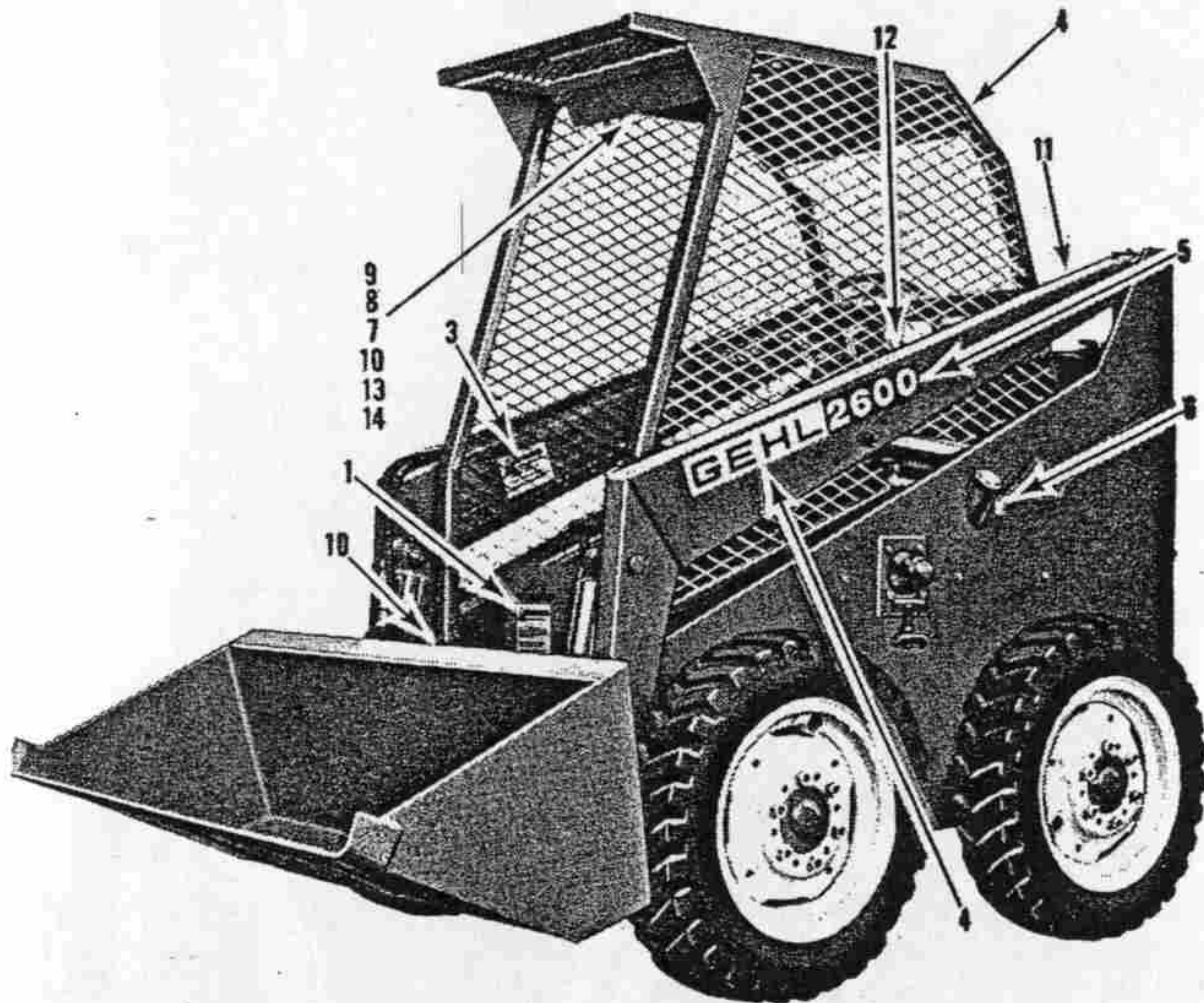
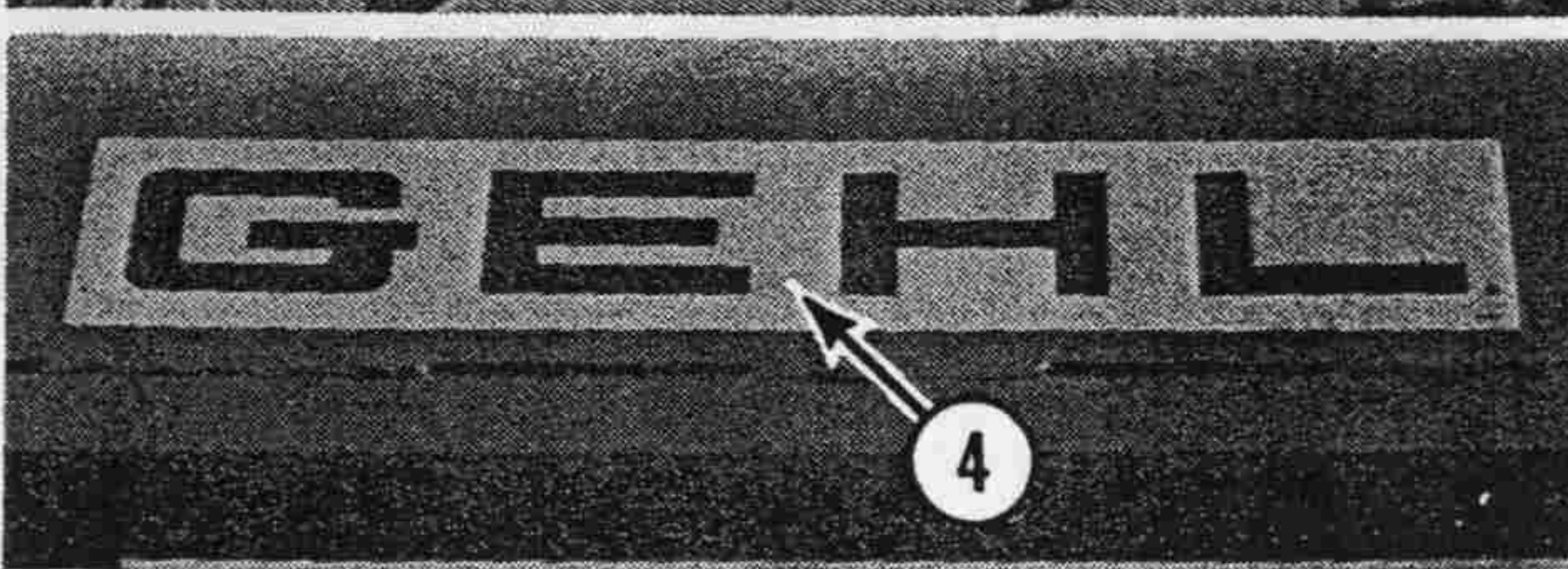
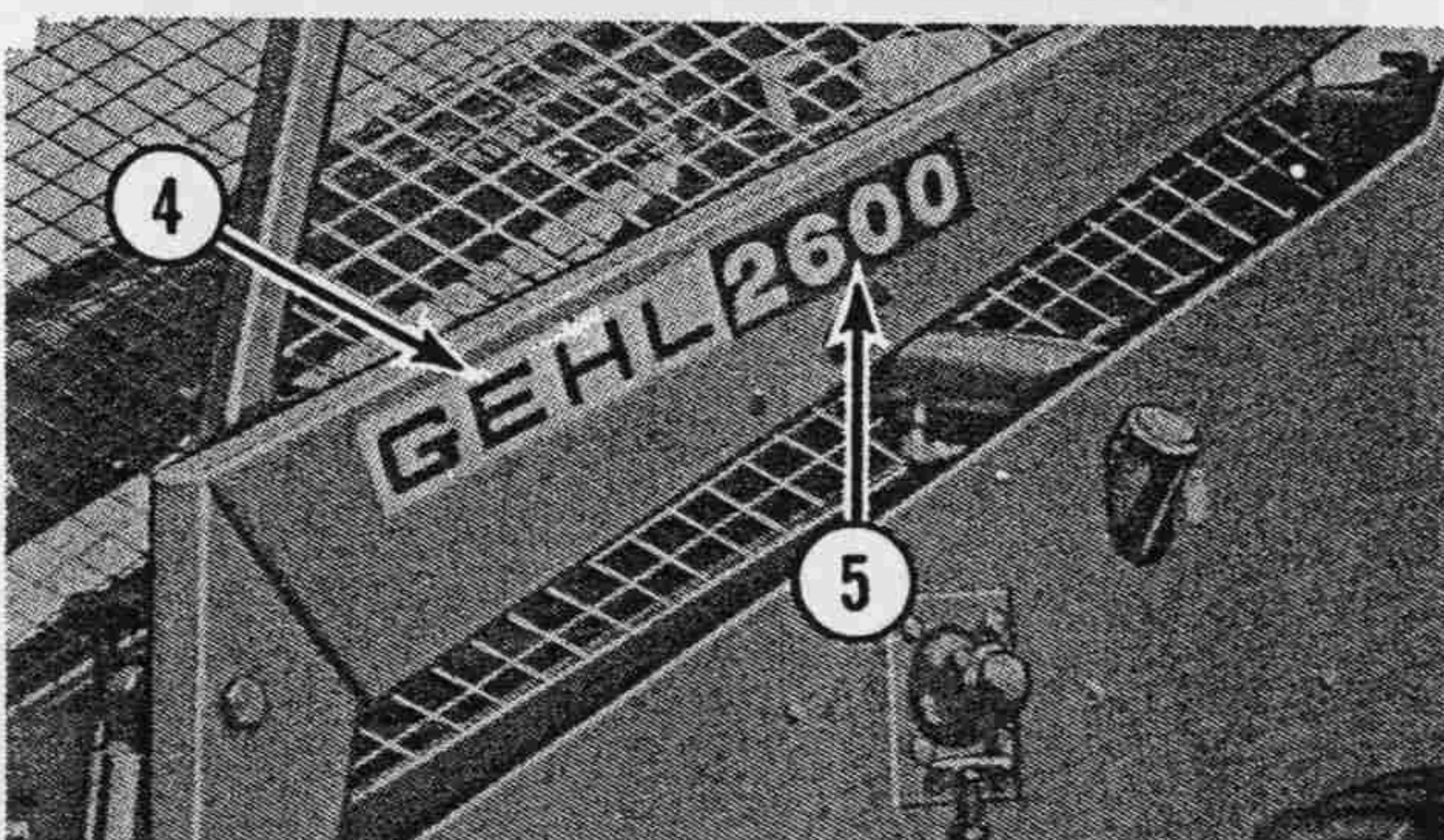
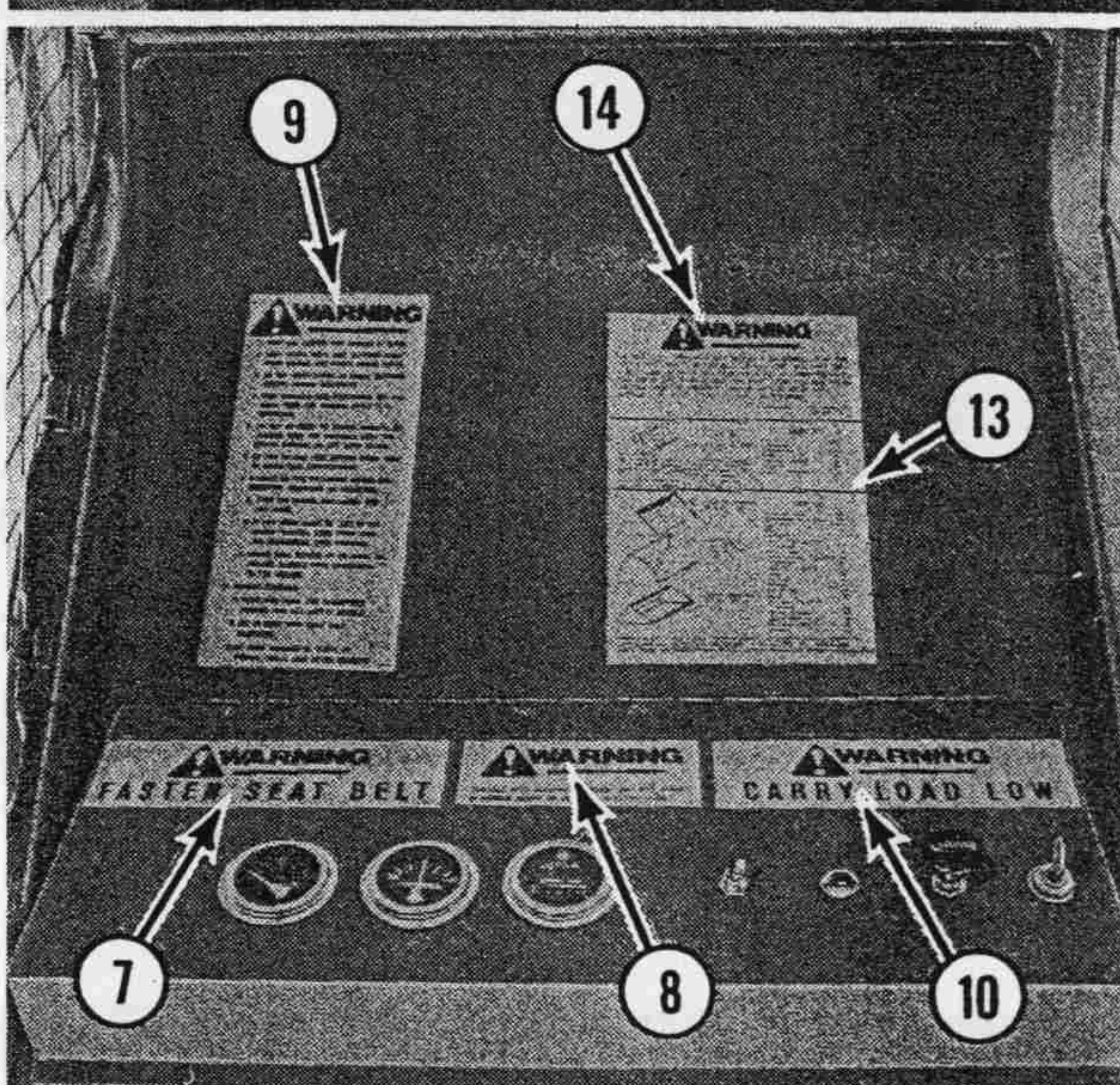
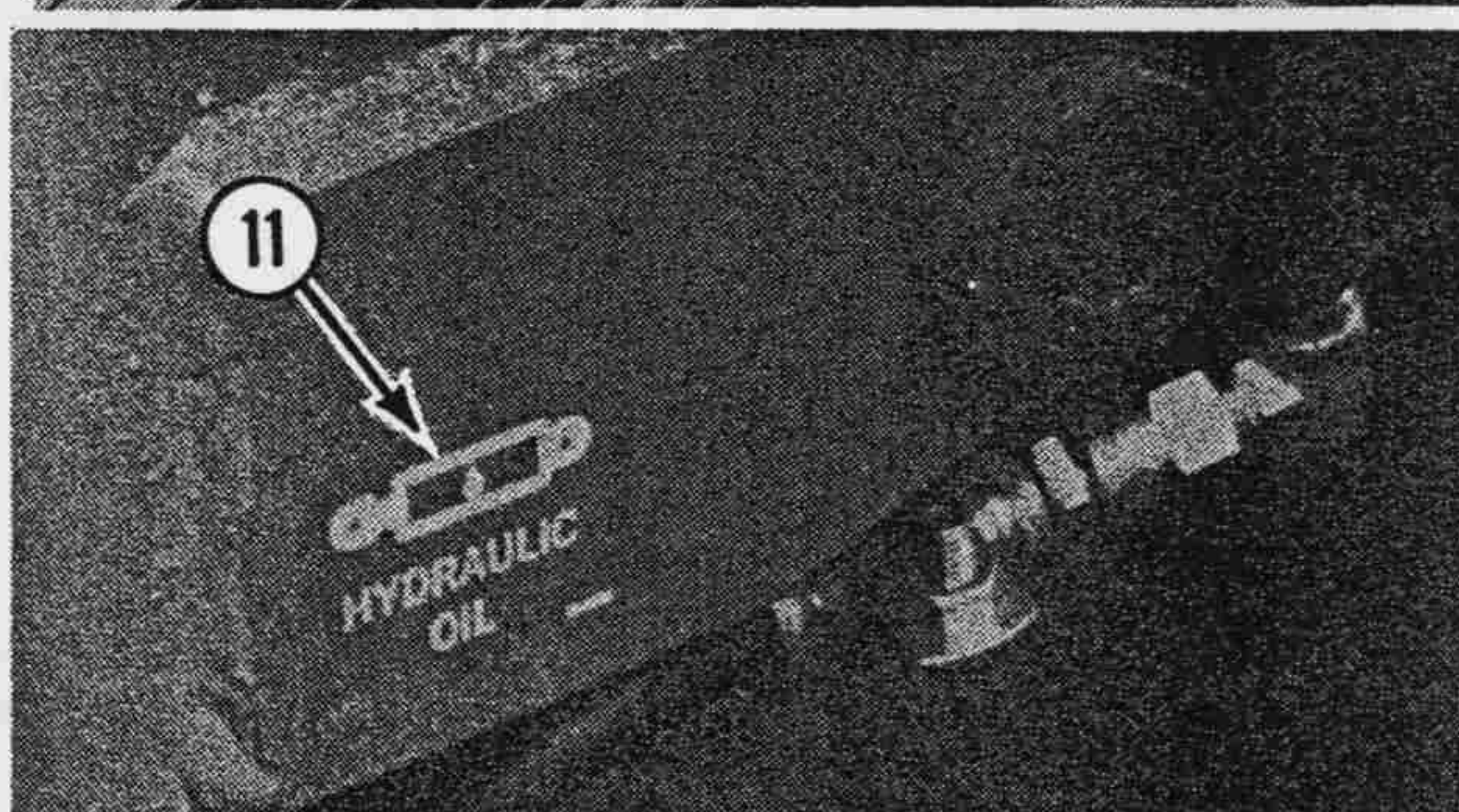
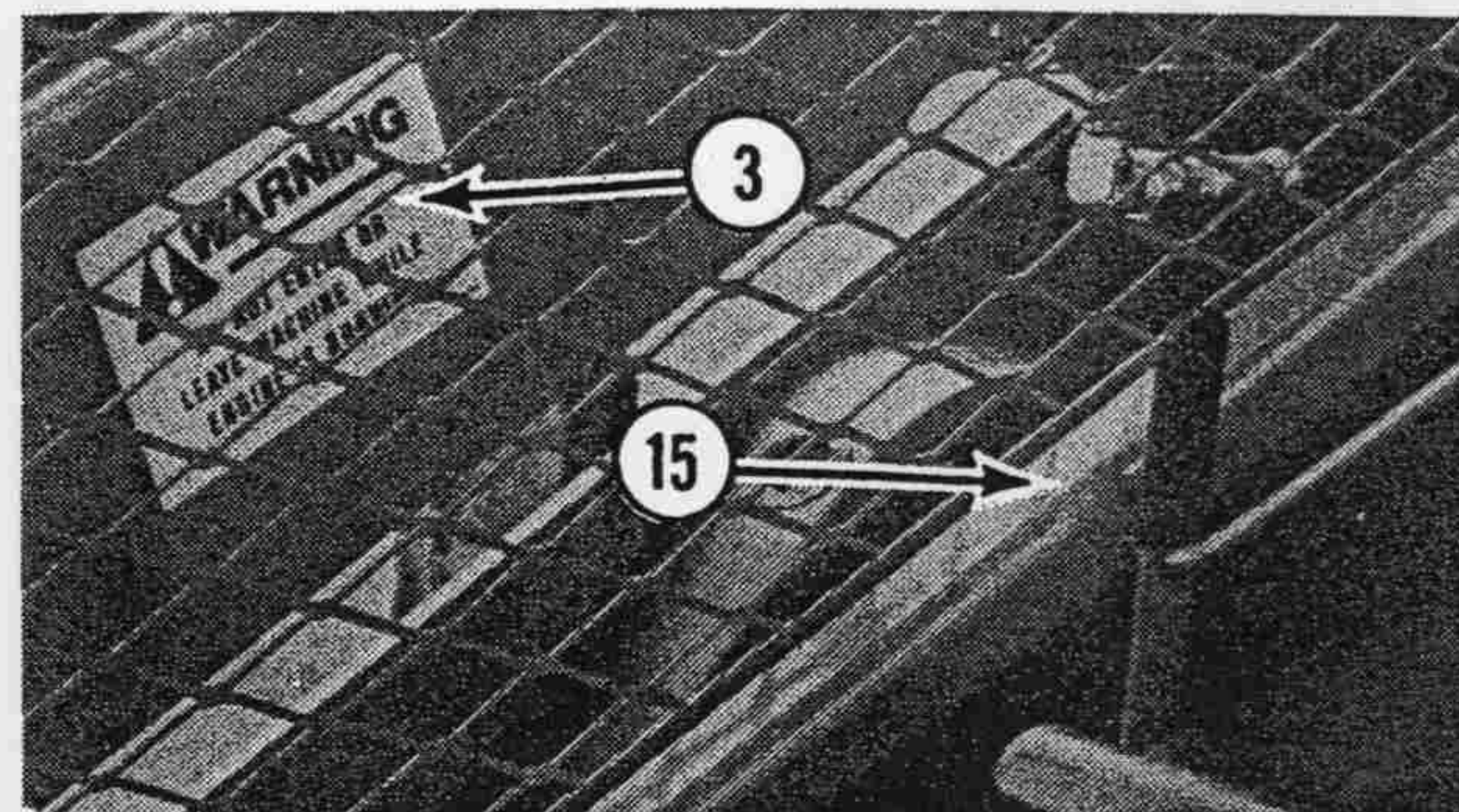
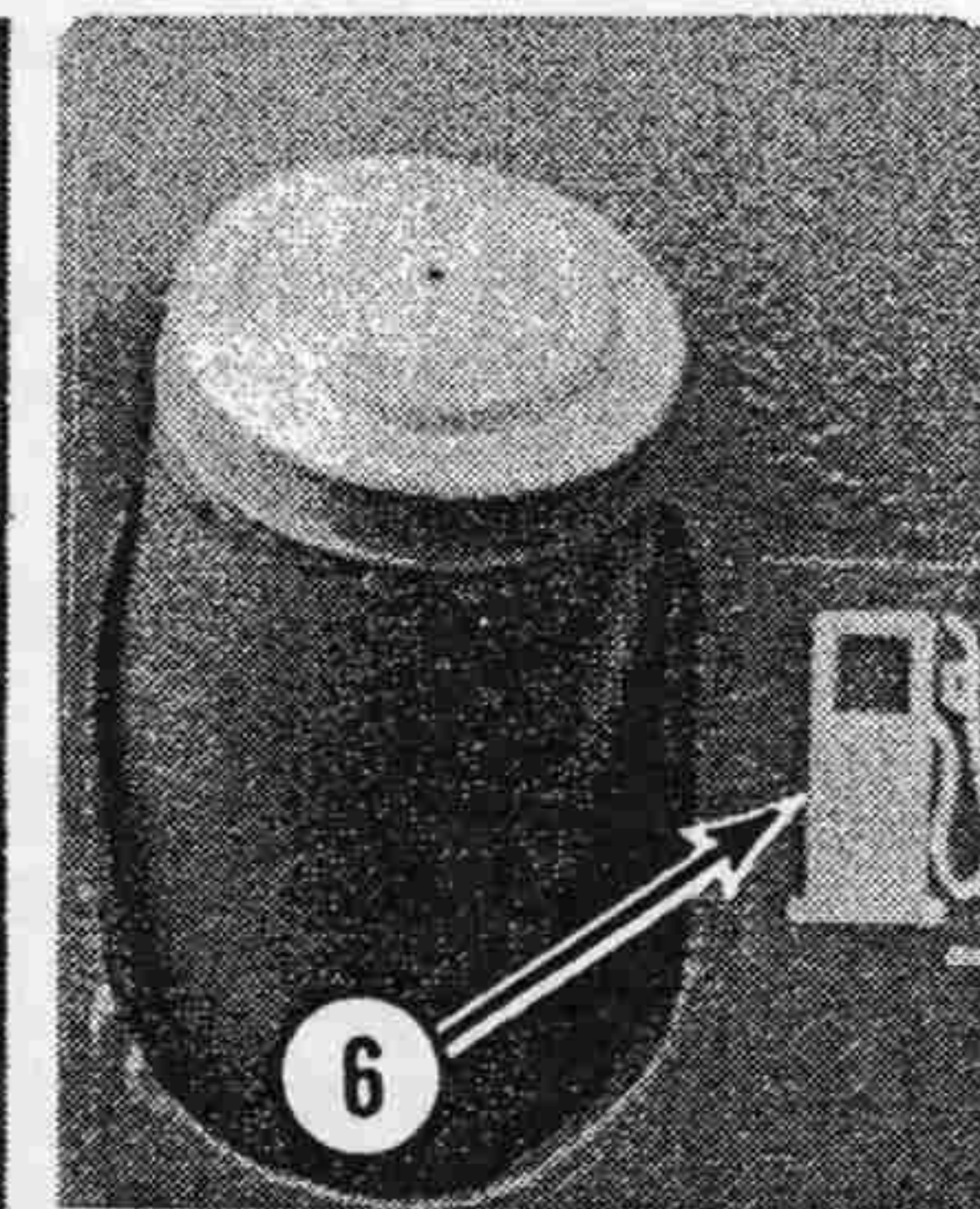
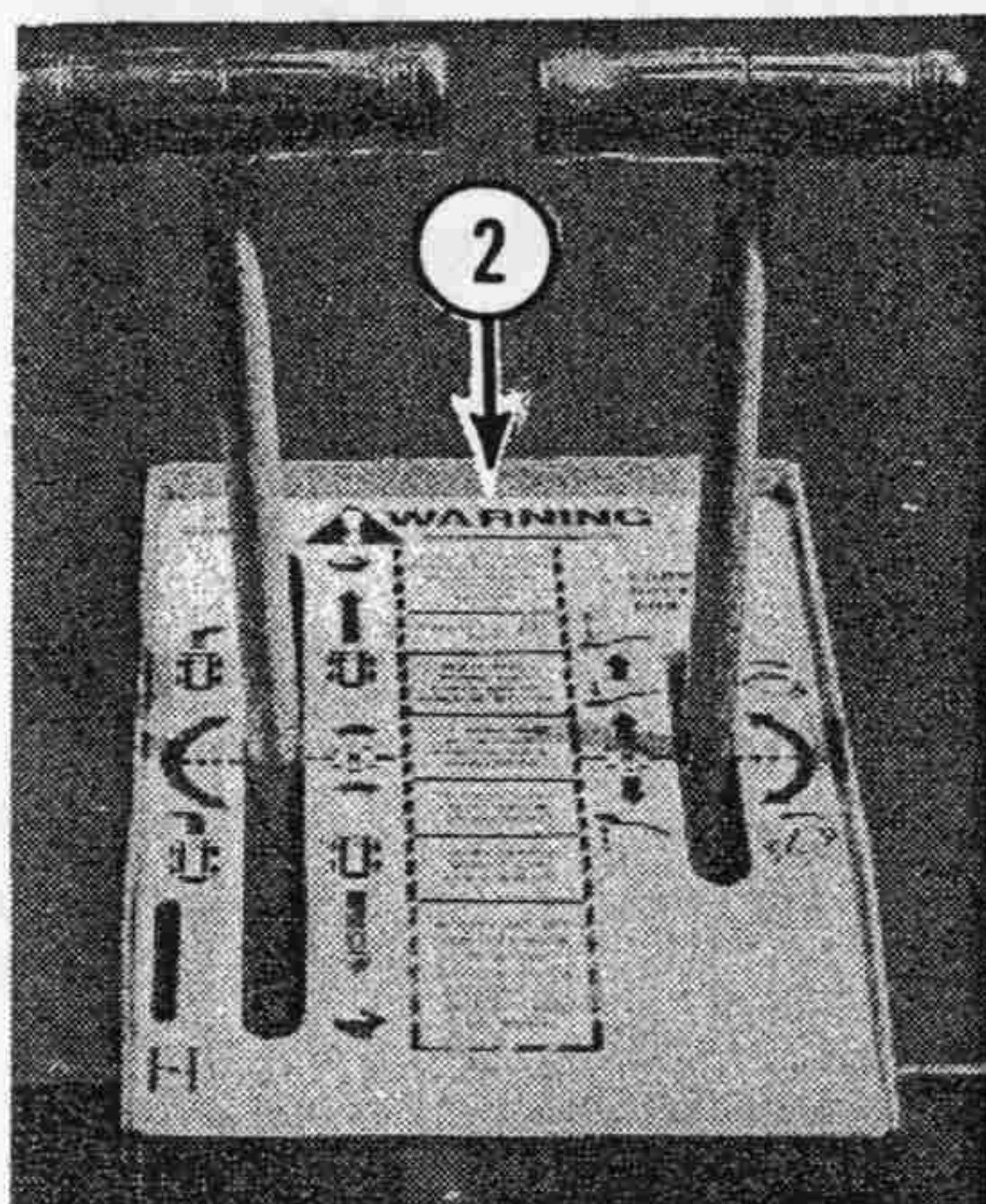
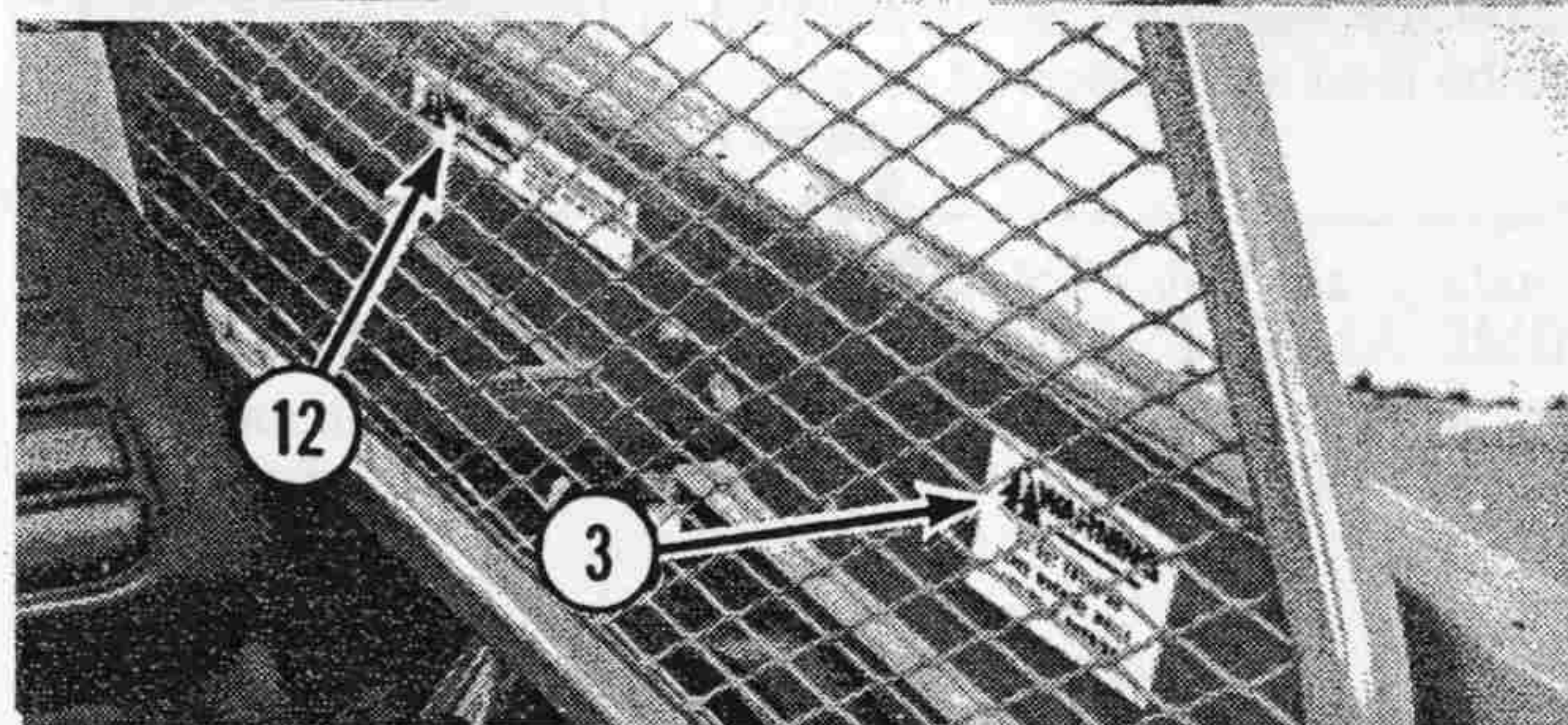
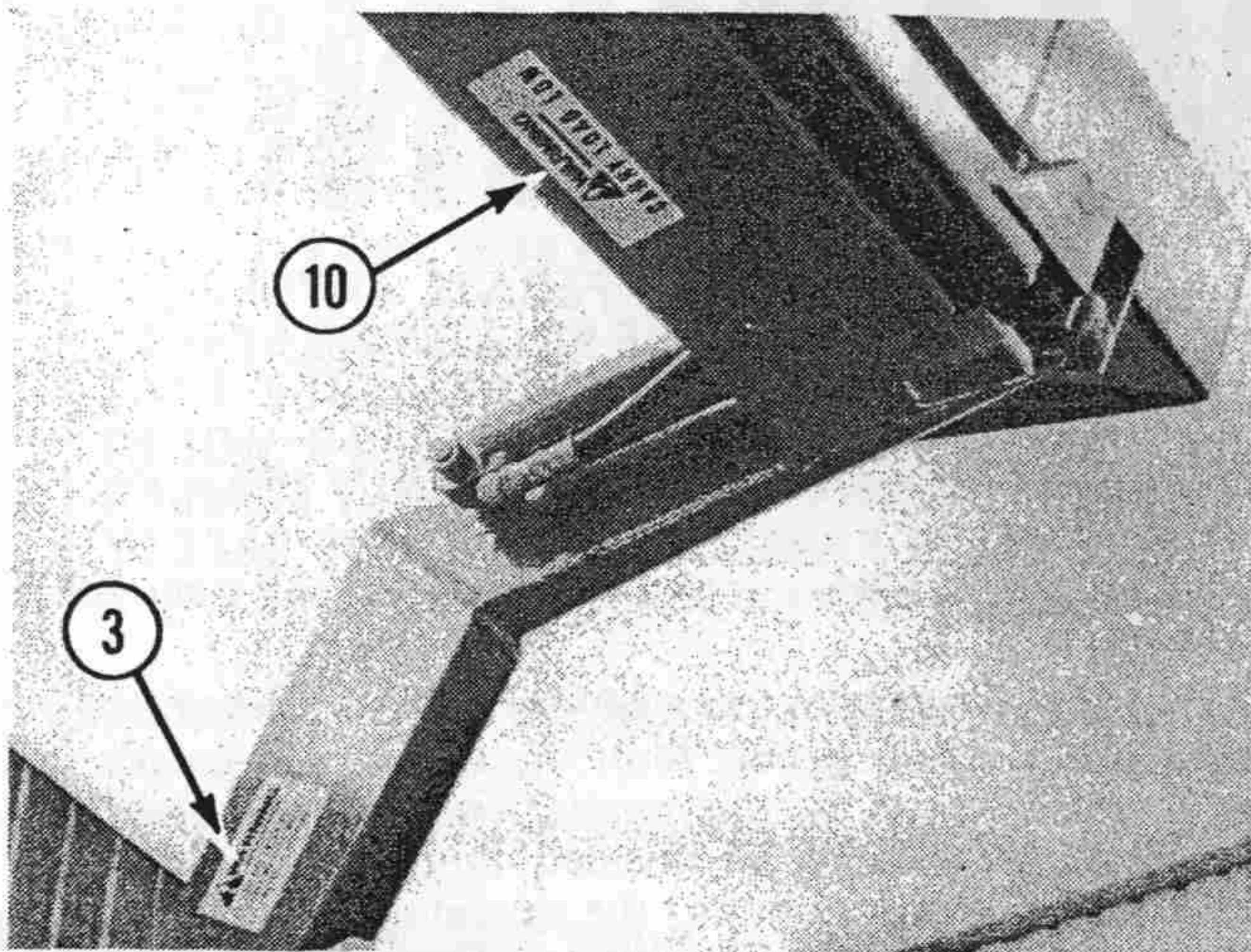


Fig. 2



Fig. 3



WARNING

BEFORE YOU ATTEMPT TO OPERATE THIS EQUIPMENT, READ AND STUDY THE FOLLOWING SAFETY INFORMATION. IN ADDITION, MAKE SURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THIS EQUIPMENT, WHETHER FAMILY MEMBER OR EMPLOYEE, IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.

Gehl Company always takes the operator and his safety into consideration when designing farm machinery and guards exposed moving parts for his protection; however, some areas cannot be guarded or shielded in order to assure proper operation. In addition, the operators manual and decals on the machine itself warn you of further danger and should be read and observed closely.



This safety alert symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!** It stresses an attitude of "HEADS UP" for safety and can be found throughout this operators manual and on the unit itself.

Remember: The careful operator is the best operator. Most accidents are caused by human error. Certain precautions must be observed to prevent the possibility of injury or damage.

When transporting machine on highway use adequate warning to operators of other vehicles. Slow Moving Vehicle holder is attached to rear of unit and safety lights are available from the manufacturer.

Travel slowly over rough terrain. Never make sharp turns with lift arms raised. Always carry loaded bucket with lift arms down against main frame stop, especially on side hills or inclines and when dumping over an excavation.

Always use mechanical stop when Lift Arm is raised for servicing the unit. Always remove ignition key. See page 13.

DO NOT allow minors to operate or be near the machine unless properly supervised.

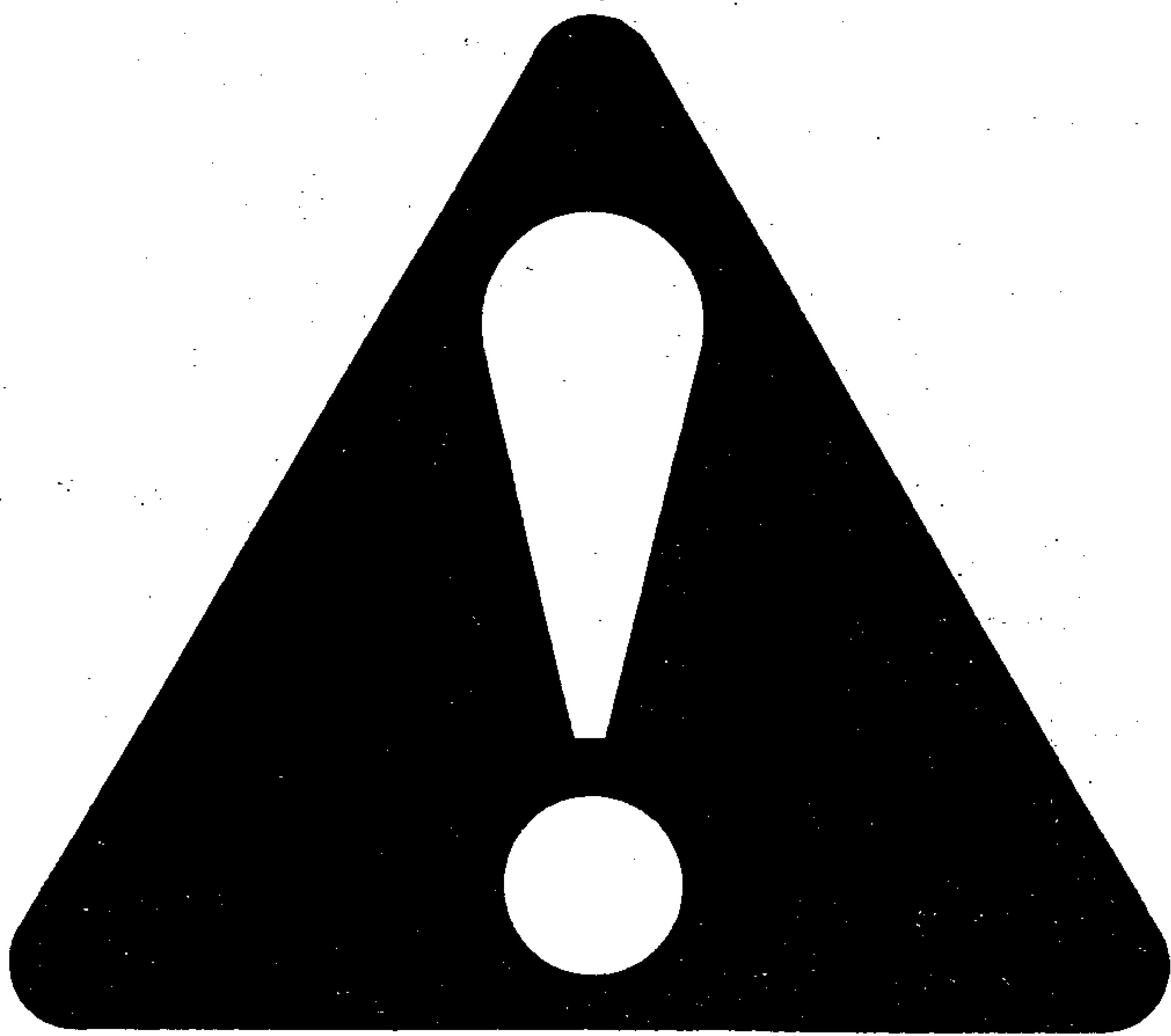
Never push lift arm control full forward into float with bucket loaded and raised. Keep lift arms "Down" for carrying, digging or when dismounting from the unit.

DO NOT clean, adjust or lubricate the machine when any parts are in operation.

Escaping fluid under pressure can cause serious injury. Relieve pressure before disconnecting lines and inspect hoses and connections regularly.

Steering and hydraulic controls MUST be in Neutral when starting engine.

DO NOT extend feet beyond front edge of operator's platform.



DO NOT leave the machine with lift arm in raised position.

DO NOT enter or leave machine when engine is running.

Never drive too close to an excavation or ditch.

Avoid "HOT-ROD" starts, reversals, stops or turns.

Rest bucket on ground when machine is not in use.

Avoid operating engine in a closed or confined area.

Always fasten your seat belt before starting engine.

Keep the area of operation as level as possible.

Back-up all inclines, curbs, ramps, etc.

Keep all shields in place and secured.

LIFT ARM LOCK

When it is necessary to work on the Loader Drive Mechanism with the Lift Arms in raised position, the Lift Arm Lock **MUST** be used. Install the Lock as described:

1. Raise Lift Arms to maximum height.
2. Remove Pin Retaining Lock to Lift Arm.
3. Lower Lift Arm Lock to Lift Cylinder.
4. Lower Lift Arms until contact is made with lower end of the Lift Arm Lock. (Fig. 4).
5. Replace Pin in Storage Bracket of Lift Arm.

NOTE: As soon as Lift Arm strikes Lock, release Control Lever. **DO NOT** apply pressure to lock.

6. When not in use secure Lift Arm Lock in storage position. (Fig. 5).

IMPORTANT: The Lift Arm Lock can be positioned from the operators seat and **MUST** be used when dismounting from the machine or servicing the machine with Load Arms in raised position.

Holes are provided in both right and left Load Arms. If Load Arm Lock will be more convenient in the other Load Arm, it can be changed easily.

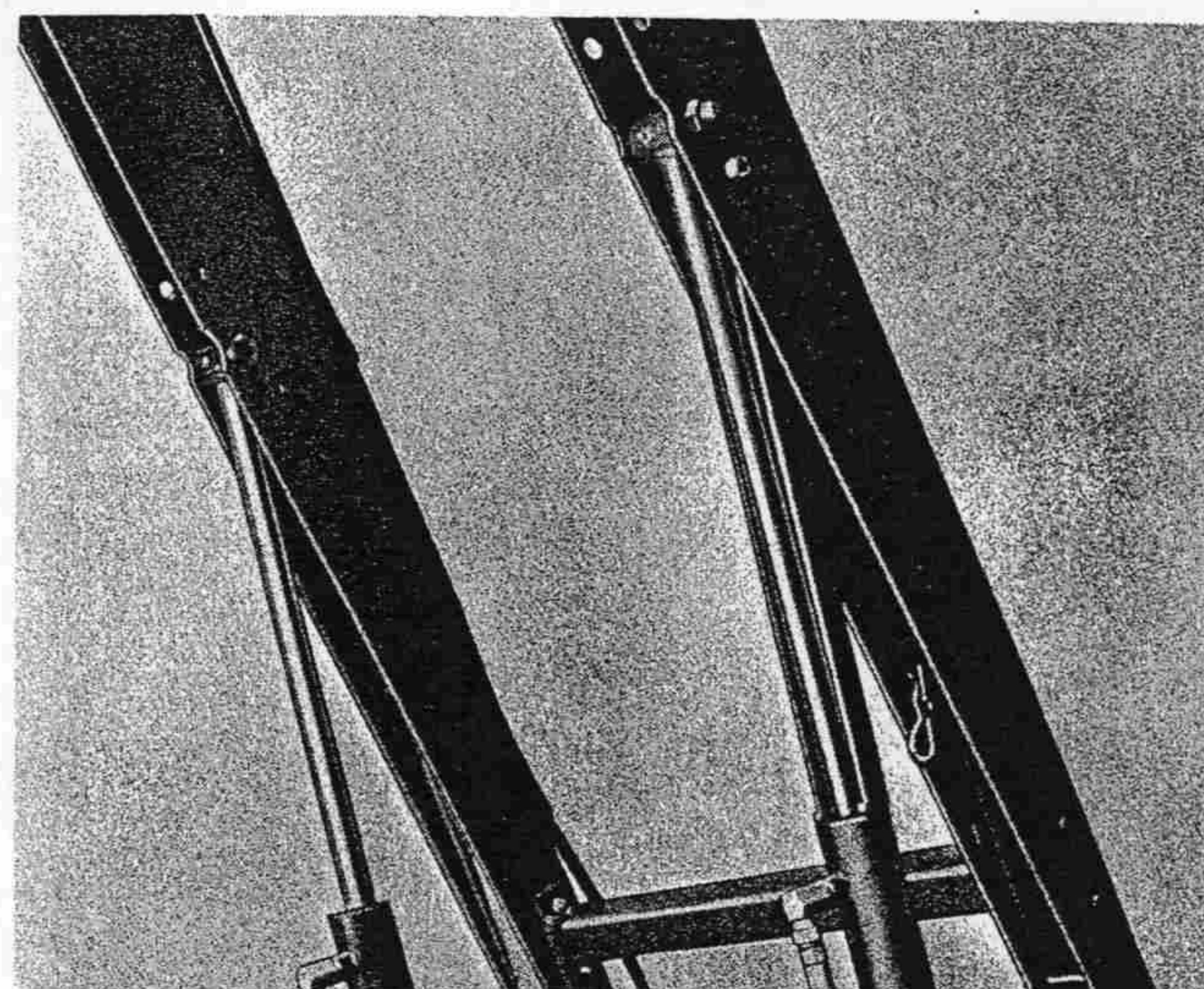


Fig. 4

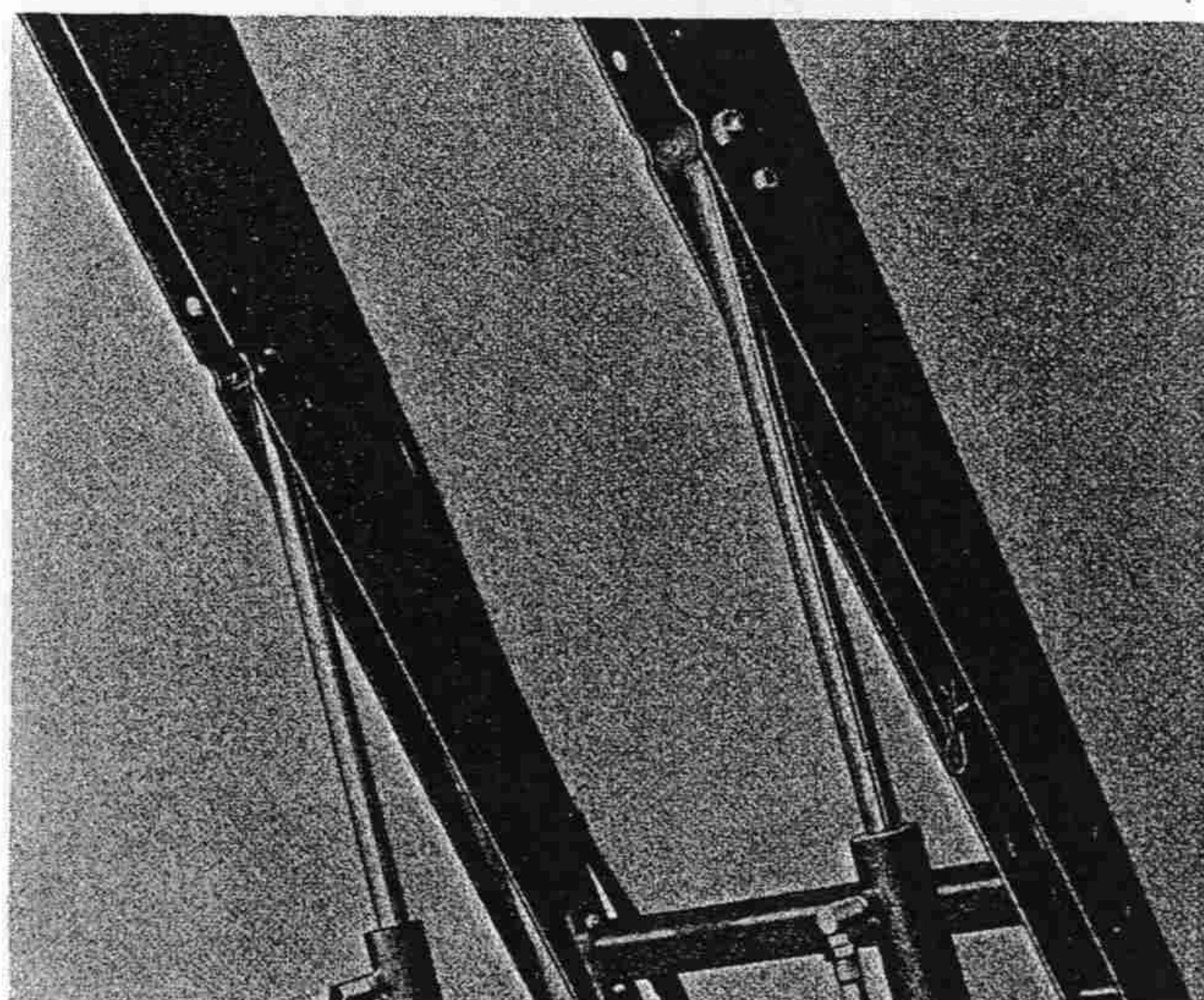


Fig. 5

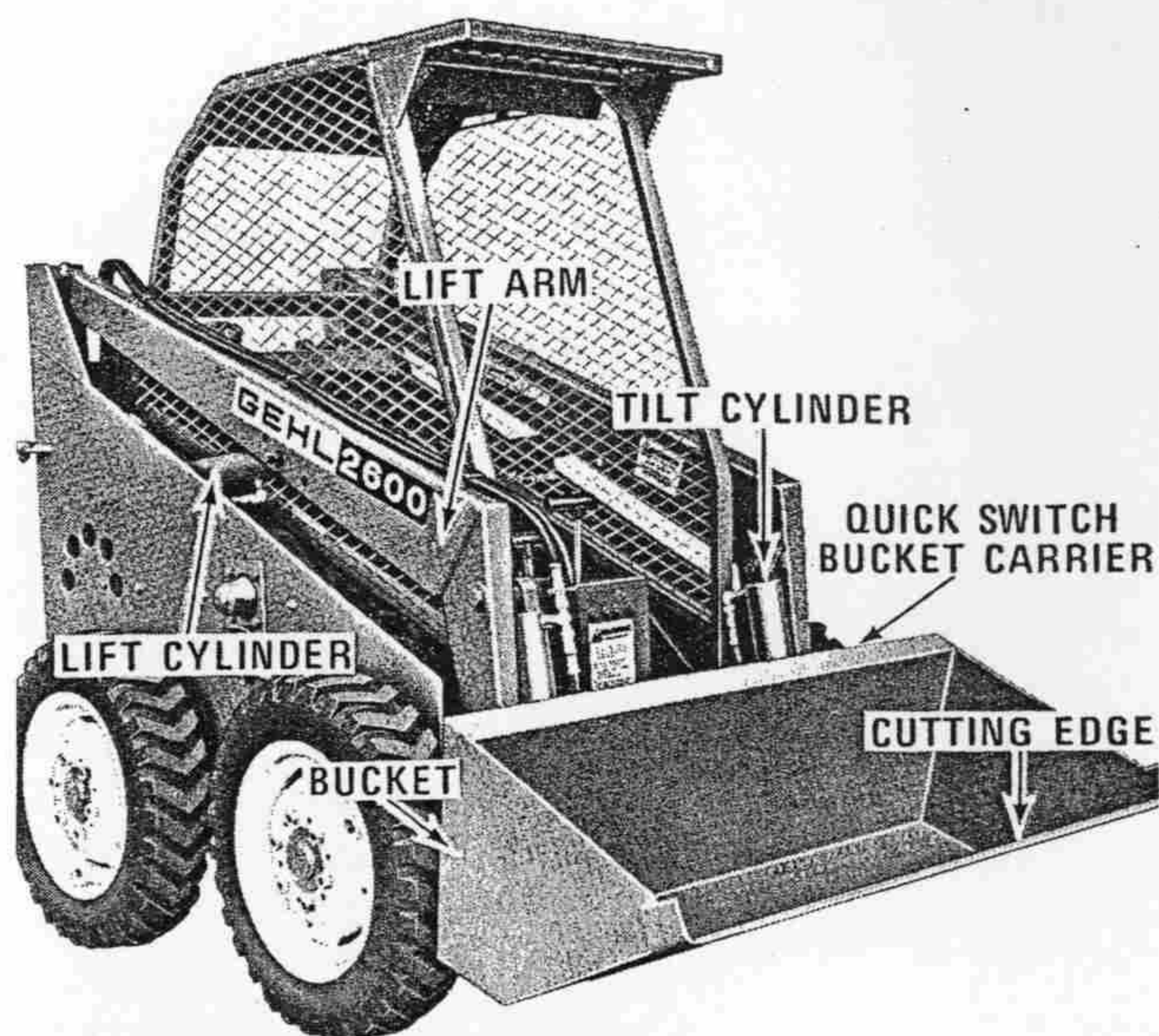


Fig. 6



Fig. 7

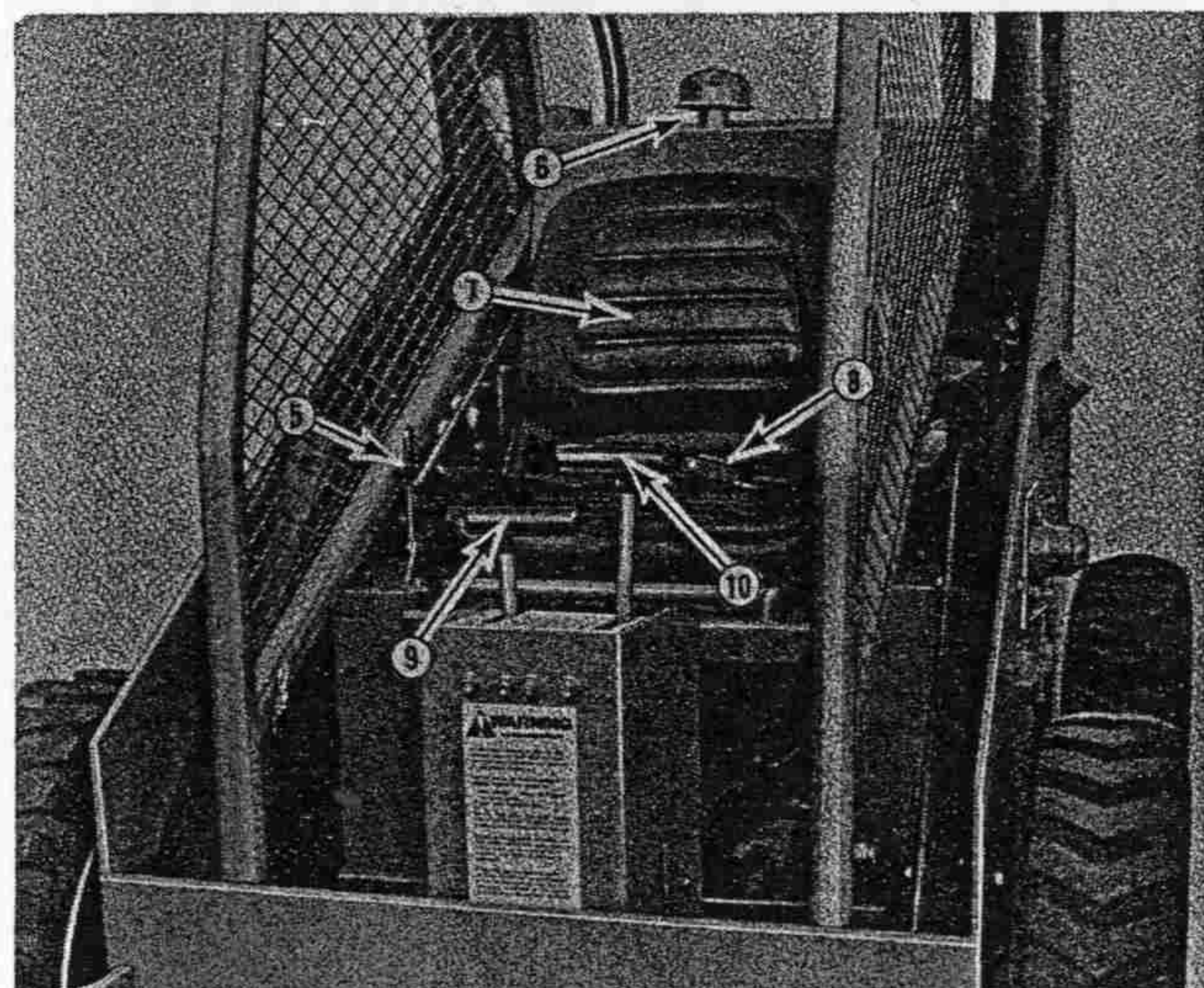


Fig. 8

GENERAL DESCRIPTION

The Loader is designed for handling light, industrial, and agricultural materials. In its capacity as a self-propelled rider type, mechanized piece of handling equipment, the Loader is completely equipped to lift loads of 800 pound capacity to a maximum height of 101". The vehicle is designed for transporting of loads from one area to another, both indoors and out-of-doors. With the variety of Gehl attachments available, the Loader can be equipped to perform a multitude of job site uses.

The Loader Engine is located directly behind the operator's seat. The Engine is a two cylinder, air cooled, 22.5 horsepower, Model NHC Onan Gasoline Engine. **Refer to the Onan instruction book for further information concerning the Engine; its components, specifications and repair.** Standard Engine Accessories include a dry-type Air Cleaner, Oil Filter, a 12-volt dust sealed Alternator, Starter, Fuel Pump and Velocity Governor.

Standard instruments are a Key Ignition Starter Switch, Hourmeter, Ammeter, and Engine Oil Pressure Gauge. Controls consist of the Choke, Hand Throttle and the Hydraulic Lift Arm and Drive Controls.

The unit contains a separate Hydraulic Lifting Circuit. Two 2 inch diameter cylinders provide lift to the Lift Arm. Two 2-1/2 inch diameter double acting Cylinders provide operating movement, or Tilt, to the Bucket, or Attachment. The system has a 12 gallon oil capacity, Filter and Oil Cooler.

Steering is accomplished by a T-Bar connected to the Variable Pumps which control the Hydraulic Drive Circuit to each side of the vehicle. Difference in hydraulic flow drives one side faster than the other side and results in turning. Rotating the Left Control Lever clockwise causes the unit to turn clockwise -- rotating the Lever in the opposite direction causes the unit to turn counter-clockwise.

The unit has heavy duty 15 inch wheels, each mounted on heavy duty Axles and 4 ply construction tread pneumatic tires all around.

The Frame Assembly is unitized welded steel plate construction with integral belly pan. Lift Arms are welded rectangular sections.

Lift-Tilt and Drive Control Levers are located directly in front of the driver and are operated by both hands of the driver. They control forward and reverse movements of the vehicle, as well as turning. Controls also operate the Lifting and Tilting Cylinders of the vehicle.

OPERATING CONTROLS

- 1 - Oil Filler Pipe
- 2 - Battery
- 3 - Electric Fuel Pump
- 4 - Oil Cooler
- 5 - Hand Throttle
- 6 - Air Cleaner
- 7 - Operator's Seat
- 8 - Seat Belt
- 9 - Lift/Tilt Control Lever (Right)
- 10 - Drive Control Lever (Left)

OPERATION

GENERAL OPERATION

1. Re-tighten lug nuts after 10 hours of operation.
2. Maintain 42 PSI tire pressure for 5:70 x 15 tires and 35 PSI pressure for 27 x 8:50 x 15.
3. Observe and follow all safety precautions to prevent the possibility of error that can cause injury or damage.
4. Check Wheel Bearing tightness at least once a year.
5. Should the need arise to tow the unit, clips are provided for installation on hydrostatic pumps to lock By-Pass Valves. Clips are to be used for emergency only and towing at a very low speed and for short distances.



NOTE: Two clips **MUST** be used.

IGNITION AND STARTER SWITCH

The Ignition and Starter are both controlled with one switch. Turn key to the right and Ignition is "on". Turn key farther right and the Starter will engage. Release the key, the Starter will disengage and the switch will return to "on" position.



IMPORTANT: Always turn Ignition Switch to "off" position before leaving the operator's seat. Turn key left from "off" position to operate accessories when Ignition is not required.

AMMETER

The Ammeter indicates whether the battery is being charged. The Ammeter Needle should register zero when the engine is not running and charge when the engine alternator is charging the battery or zero when the battery is fully charged.

OIL PRESSURE

The Oil Pressure Gauge indicates pressure in the engine lubricating system. Normal engine operating pressure after the engine has reached normal operating temperature is 30 PSI or higher, except at low engine speeds. Never operate engine if pressure falls below 15 PSI.



NOTE: Oil pressure does not show amount of oil in the engine crankcase.

CHOKE

The Choke Control is located on left rear side of the driver's seat.

In the event of cold weather starting, pull Choke Control to close the Choke. After the engine starts, open the Choke.

THROTTLE

The Hand Throttle is located on right side of the driver's seat and is attached to the seat support.

The Throttle is hand operated and controls the vehicle engine speed. The engine operates at the maximum governed speed when the Throttle is fully opened. When the Throttle is closed, the engine operates at the predetermined idle speed.

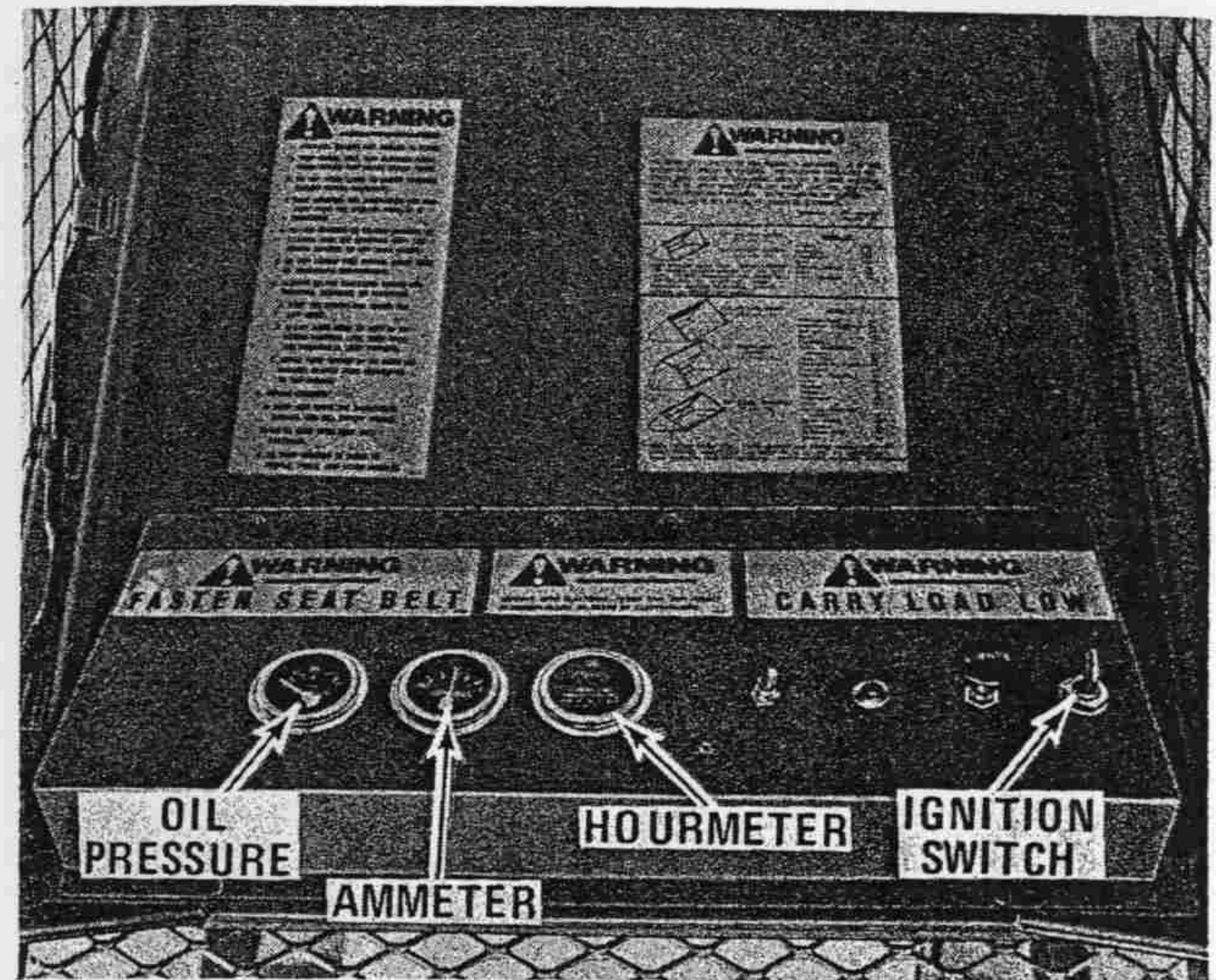


Fig. 9

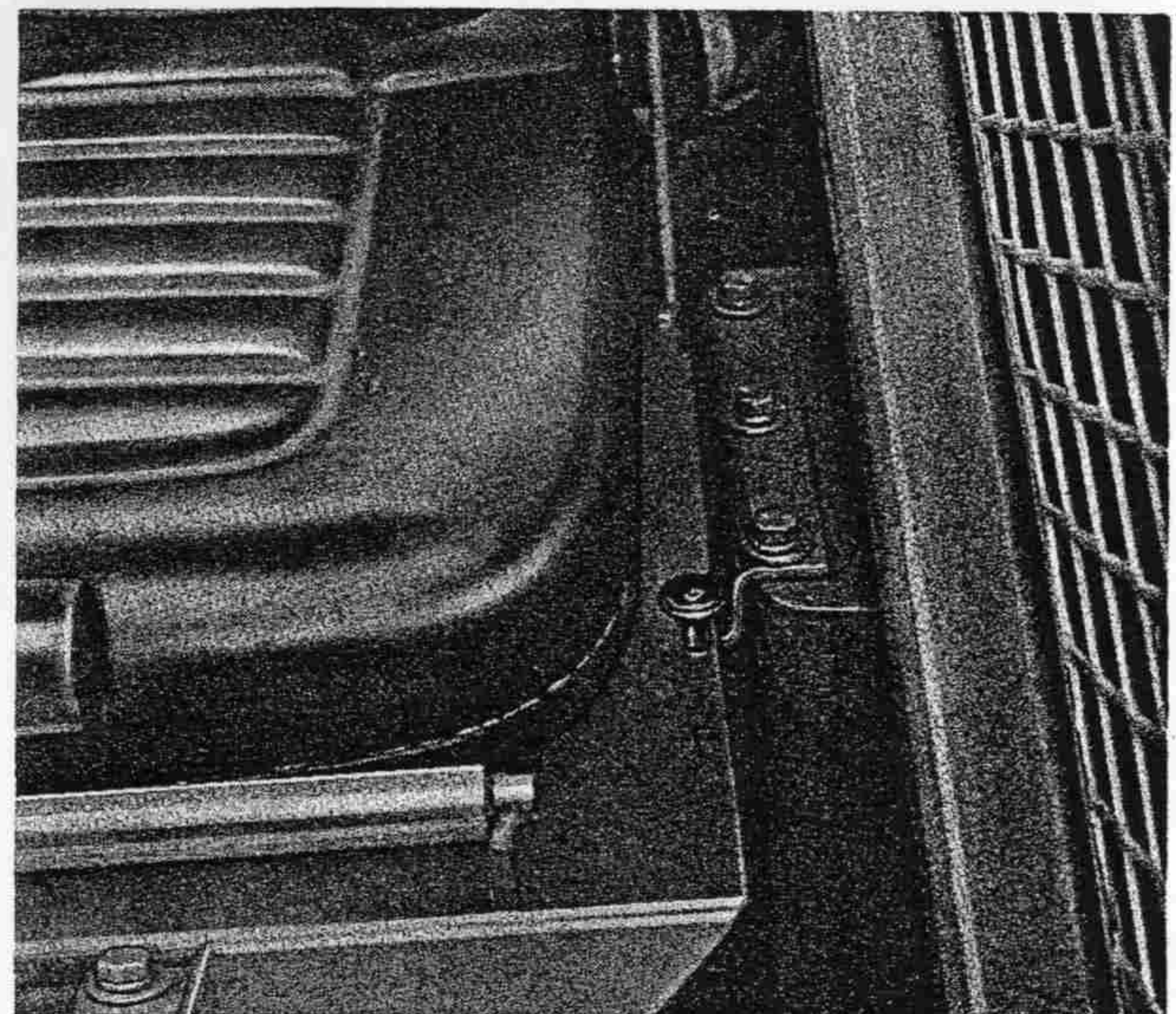


Fig. 10

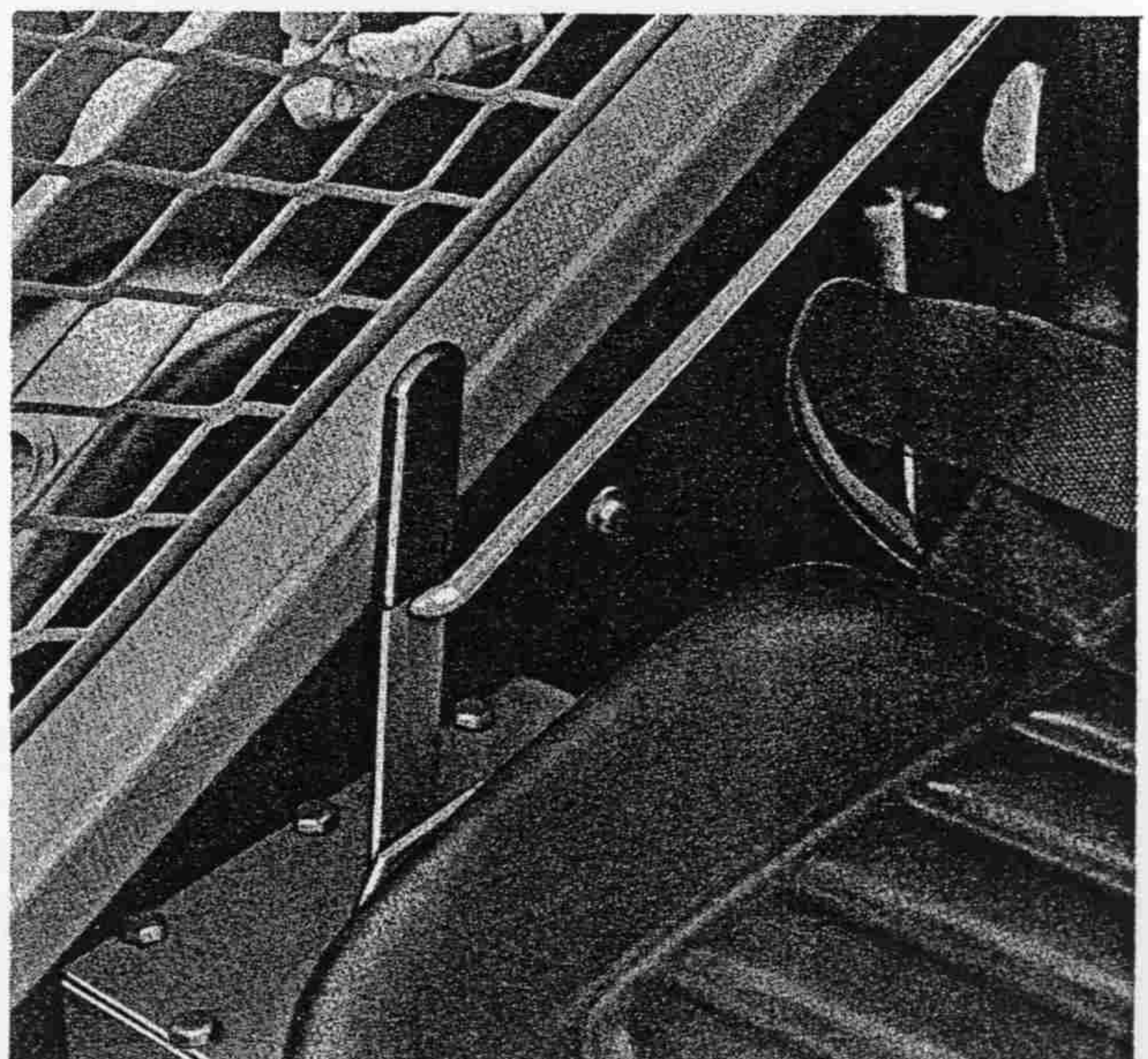


Fig. 11

HOURLMETER

The Engine Hourmeter indicates the total hours of operation of the engine in tenths of an hour to a maximum of 9,999.9 hours.

The Hourmeter provides a true record where hours of operation are important such as:

1. How long since oil was changed?
2. How long since the filter was changed?
3. How long since unit was lubricated?
4. How many hours has equipment run?
5. How long did it take to do a job?
6. When maintenance is scheduled by the log?

Red numbers on the meter indicate tenths of hours. After 9,999.9 hours, the meter will repeat automatically.

SEAT BELT

The unit is equipped with an approved seat belt to be worn for safety of the operator. The standard seat belt meets SAE J386 and SAE J4C regulations for construction and automotive use. A three inch belt for California is optional.

ENGINE STARTING PROCEDURE



WARNING: Be seated with seat belt fastened prior to starting engine. Never enter or leave the vehicle while engine is running. Never start the engine when not seated in the drivers seat.

Before starting the loader engine, follow check list below. This list **MUST** be followed daily or at the beginning of a shift. Make and repairs or adjustments immediately before severe and costly damages are done.

1. Check to be certain that control levers are in neutral position.
2. Keep hand on left control lever to maintain neutral when started. It is very important to keep control linkage adjusted properly. See General Maintenance Section.
3. Turn key to start position to start engine, when started release key. It will then return to ignition position.
4. The throttle is located to the right of the seat. Pull lever back for idle, push forward for increased speed. See Fig.



NOTE: If necessary, use choke (Fig. 10) to assist starting. **DO NOT** choke when engine is hot. To choke, pull lever "up".



NOTE: The Starting Motor **MUST NOT** be operated for more than a 30-second interval. If the engine fails to start within this period of time, wait 10 or 15 seconds before attempting again. If engine does not start within a reasonable time, refer to **STARTING DIFFICULTIES** in the Onan instruction book included with this manual.



IMPORTANT: Warm engine for several minutes at half Throttle before operating under full load.

Cold Starting Procedure:

1. Place controls in neutral.

2. Move throttle lever to the 1/4 to 1/3 position, no more than 1/2.
3. Close choke COMPLETELY.
4. Turn switch to "on" and allow fuel pump to pump a few seconds.
5. Engage starter, 10 seconds of cranking during cold weather is not uncommon for this small engine.
6. As the engine fires and starts, open the choke slightly. If the engine fires but cannot keep running on its own, keep the starter engaged a few seconds after it fires and gradually work the choke open slightly until the engine runs on its own. This engine requires full choking to get it started during cold weather.
7. Occasionally ether or a comparable starting fluid may be necessary, but use with caution or engine damage could result.

OPERATING THE LOADER

The most efficient and smoothest operation is achieved when the engine operates from half to full Throttle and speed is controlled by means of the T-Bar and Hydrostatic Transmission. The T-Bar should be moved slowly and positive with a firm hand grip and rigid arm extension. Good coordination of Loader forward or rearward movement, controlled by the left hand, in relation to Lift Arm and Bucket operation, controlled by the right hand, is necessary to obtain the most efficiency from the Loader.

Spend some time in an open area practicing turns and movements in conjunction with raising Lift Arms, rolling the Bucket and dumping the Bucket. Beginning operators should set the Hand Throttle one half open.

The light may blink on instantaneously when Lift Arms are being raised. This is normal and will happen with no adverse affects on the Inlet Hydrostatic System. A continuously actuated light, especially at low idle, does mean the filter cartridges require replacement.

During operation there is a greater demand on the hydrostatic pumps. A loss of sufficient oil to lubricate the hydrostatic pump during these high demands could result in severe pump damages.

Replace both hydraulic cartridges when the Indicator Light is actuated. If the light remains actuated after filter servicing, check the following:

1. Short in light electrical system.
2. Hydraulic oil level.
3. Broken or leaking hydraulic hose.

There is a built-in check for the light. The light should be on when the ignition switch is in the start position. If not, check the light bulb to see if it is burned out. Replace if necessary. The light should go out after starting. If not, take **CORRECTIVE MEASURES**.

LOADER CONTROLS

Prior to operating the Loader, the operator should become familiar with the Controls and their functions.

LEFT T-BAR CONTROL LEVER

After being seated and without starting the engine, move Left T-Bar with left hand from neutral detent forward. With T-Bar in this position and engine running, the Loader will move forward. Moving the T-Bar back from neutral will cause the Loader to move rearward. Return T-Bar to neutral, twist lever clockwise and the Loader will spin turn to the right. The two right wheels will rotate rearward and the two left wheels will rotate forward. A twist counterclockwise results in a spin turn to the left. Right wheels rotate forward and left wheels rotate rearward. When the T-Bar is moved slightly forward and twisted, a slow gradual forward turn is maneuvered. The farther the T-Bar is moved forward or rearward or twisted in either direction, the faster the resulting maneuver. Figures 12, 13, 14 and 15.

RIGHT T-BAR CONTROL LEVER

Move Right T-Bar with right hand from neutral position back towards the Seat. Lift Arms will raise. Pushing the T-Bar forward an equal amount lowers the Lift Arms. Pushing the T-Bar full forward past a detent stop allows the Lift Arms to float with no control. Figures 16 and 17.

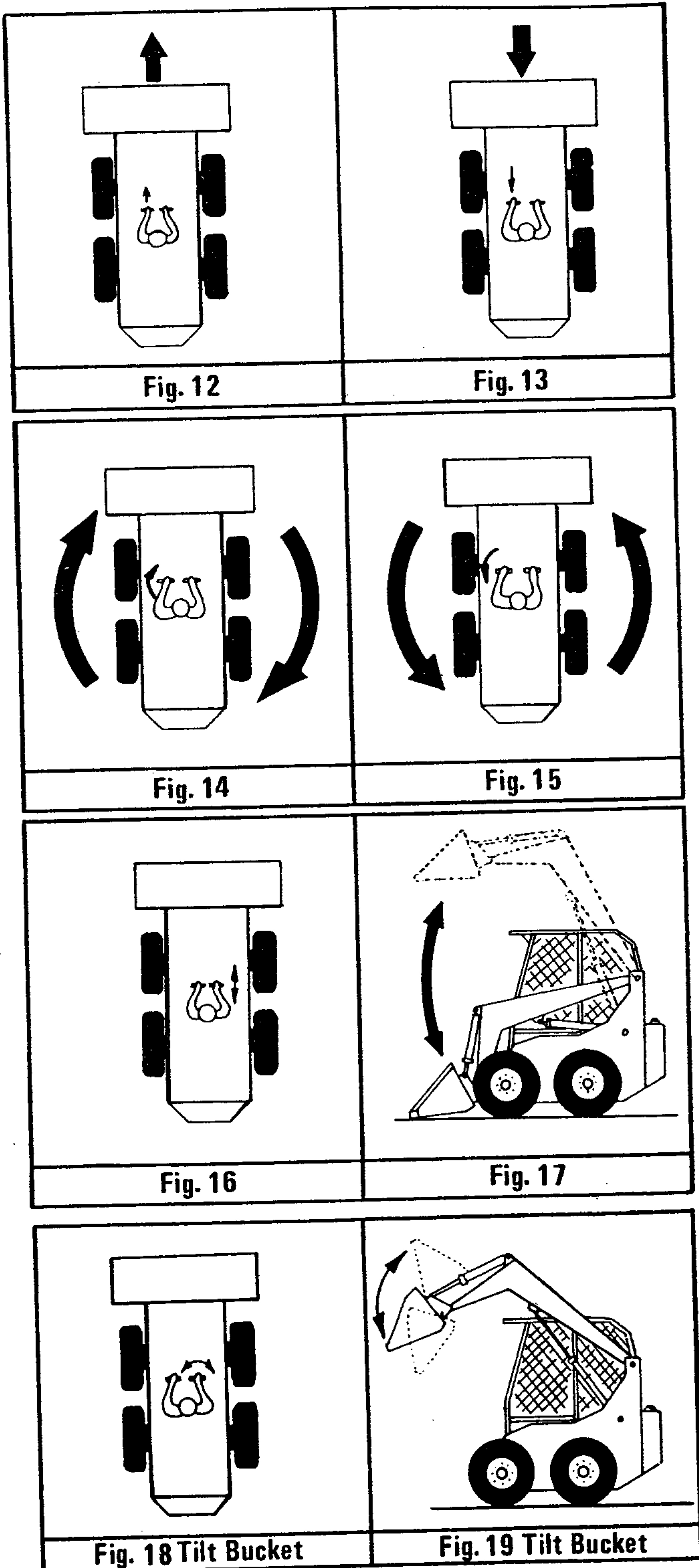
With the Right T-Bar in neutral position, twist counterclockwise to roll the Bucket to carry position. Twist T-Bar clockwise to dump Bucket. Both forward and rearward motions with twisting motion can be done simultaneously. Figures 18 and 19.

LOADING AND DIGGING WITH BUCKET

Roll Bucket downward until cutting edge contacts the ground. Approach material at a moderate speed so momentum will carry Bucket into the pile. When loading causes engine to lose speed, start rolling the Bucket backward slowly and at the same time reduce forward travel speed to maintain maximum wheel torque. In some conditions, it may be necessary to raise Lift Arms slightly when rolling the Bucket backward. **DO NOT** drive onto pile of material. Back away and place load in carry position with Lift Arms down on the Frame.



Never put T-Bar in float position with bucket loaded and Lift Arms raised. When bucket is full, roll upward while traveling forward.



If digging an excavation below normal grade, use ramp as flat as possible. Always drive Loader with loaded Bucket forward up the ramp. If unloaded, always back up the ramp. When digging hard packed material, a slight down pressure on the cutting edge is necessary. Always try to cut a thin layer so material rolls back into the Bucket.

IMPORTANT: Never cut with Lift Arms up off frame stops.

NOTE: If Unit becomes stuck, curl Bucket to its rear-most down position. Set the cutting edge into the soil in front of the tires and push the Unit backwards.

DUMPING LOADED BUCKET

Carry loaded Bucket low while moving to dumping area. If material is to be dumped over an embankment, drive only close enough so Bucket is half over the edge. Stop and roll Bucket forward as far as possible, then pull back T-Bar and raise Lift Arms to clean the Bucket.

When dumping into a truck, align Loader perpendicular to truck with Bucket at carry position. Then, raise Lift Arms while slowly moving forward. Dump when front of Frame nears truck body. The Bucket can be used to move material to opposite side of the truck by placing Bucket on nearest side of the pile and actuating the T-Bar to roll Bucket upward.

LEVELING

Spread material while driving forward with Bucket slowly dumped just above the ground.

GRADING

Grading material level should be done in reverse. Raise Lift Arms at least one third of the way up and tilt Bucket downward at approximately 45 degrees. Lower cutting edge to ground, then push T-Bar full forward to float position.

NOTE: A higher Lift Arm position and steeper Bucket angle results in a deeper more severe grading effect. Less Bucket angle and lower Lift Arm position provides less aggressive grading effect and more smoothing action.

LIFT ARM FLOAT

Use Float position when grading in reverse or scraping a concrete yard or hard surface in forward direction. This will allow the cutting edge to follow contour of the surface. Time and effort can also be saved after dumping into a truck if the T-Bar is pushed full forward to float and allow Lift Arm to lower automatically while backing away.

TOWING THE LOADER

Emergency By-Pass Valves are incorporated in Hydrostatic Pumps located beneath the Operator's Seat. Position emergency towing clips as shown in Fig. 20, to depress the Valves. Secure over bolt heads. Install towing clips on both pumps. Now, the Loader can be towed, but not more than 2 M.P.H. or for a long distance.

WARNING: Towing Clips are for emergency only. Never tow machine fast or for long distances as serious damage can be done to the pumps.

When finished towing, remove clips and re-install them in storage position as shown in Fig. 21.

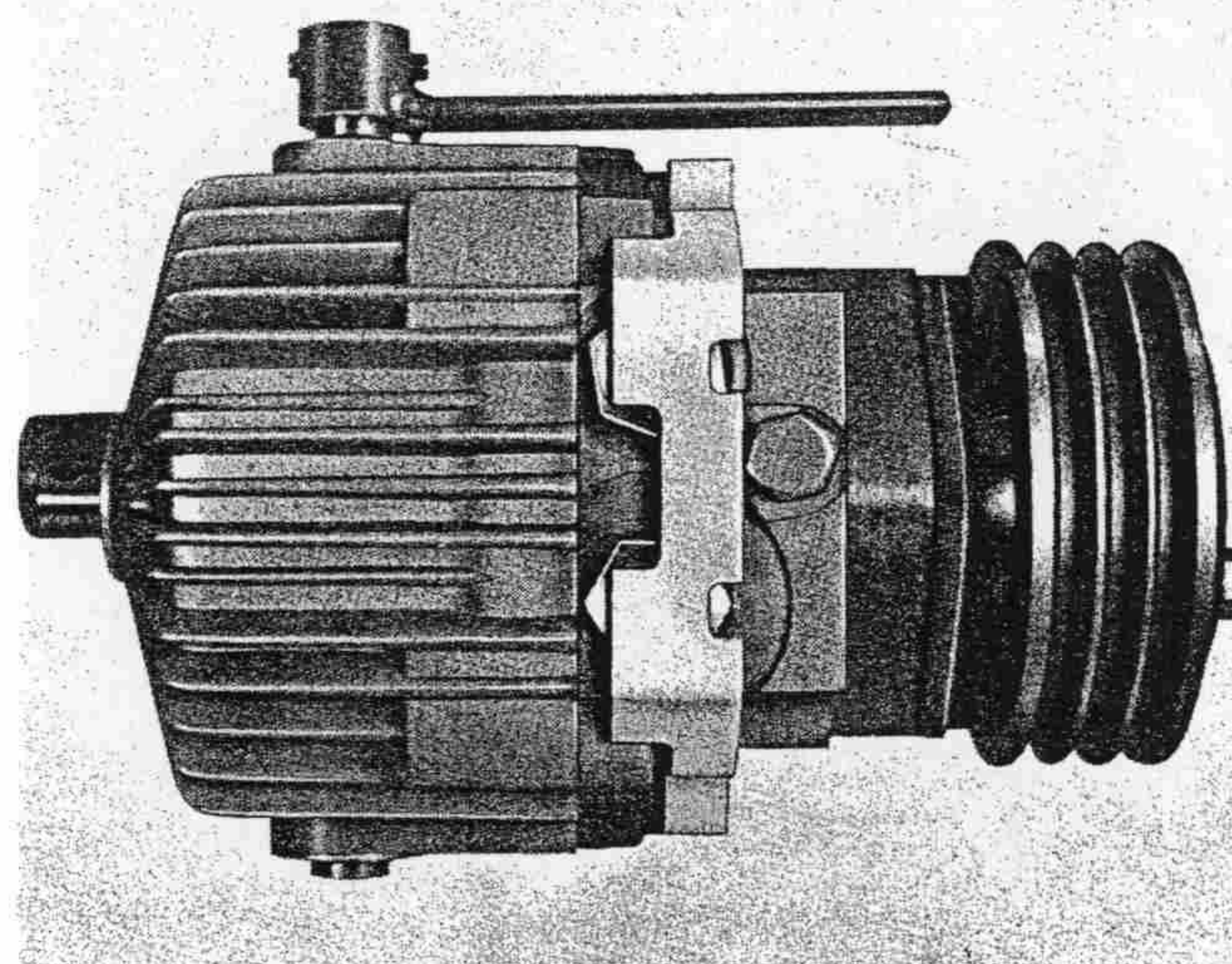


Fig. 20

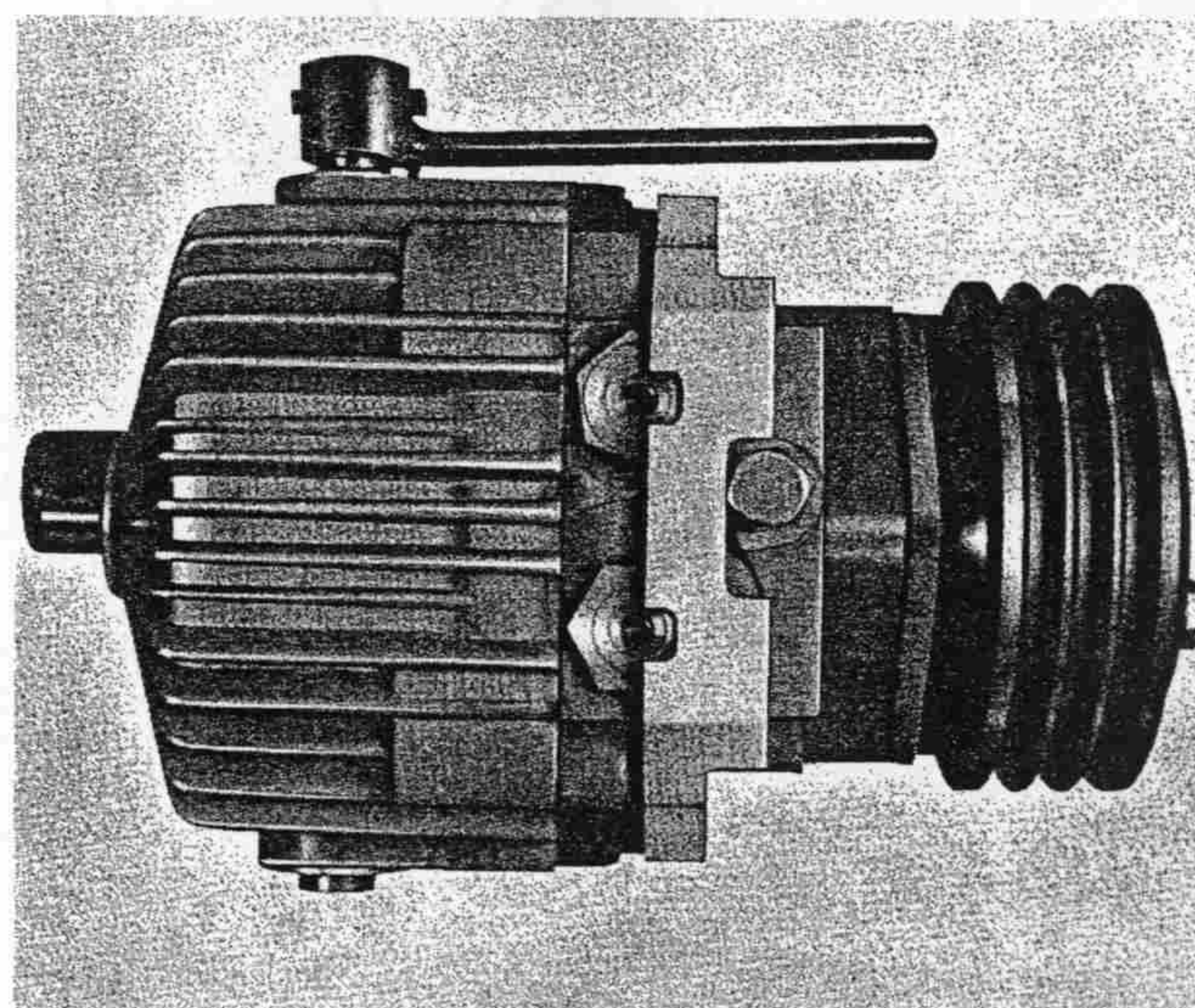


Fig. 21

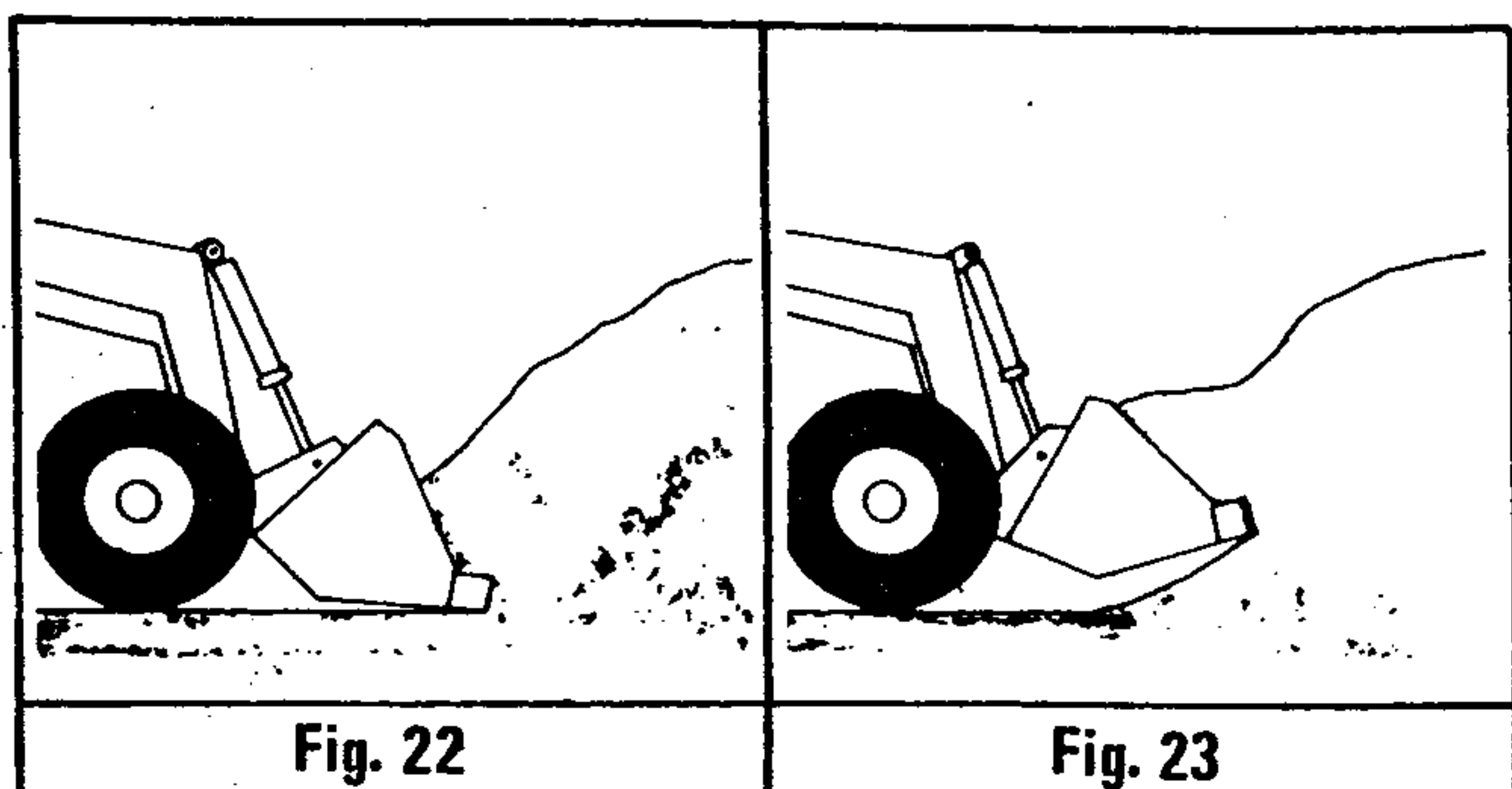


Fig. 22

Fig. 23

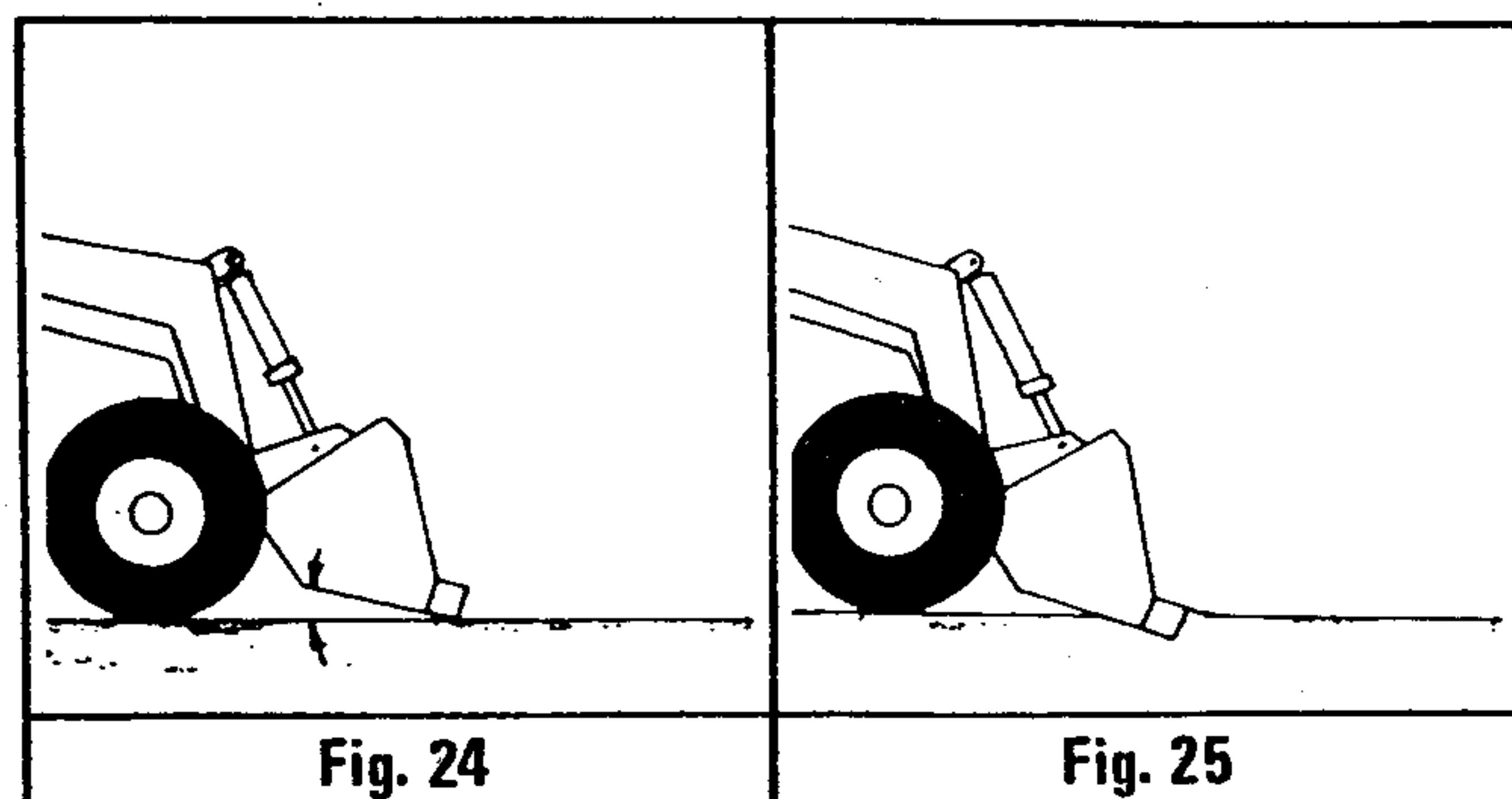


Fig. 24

Fig. 25

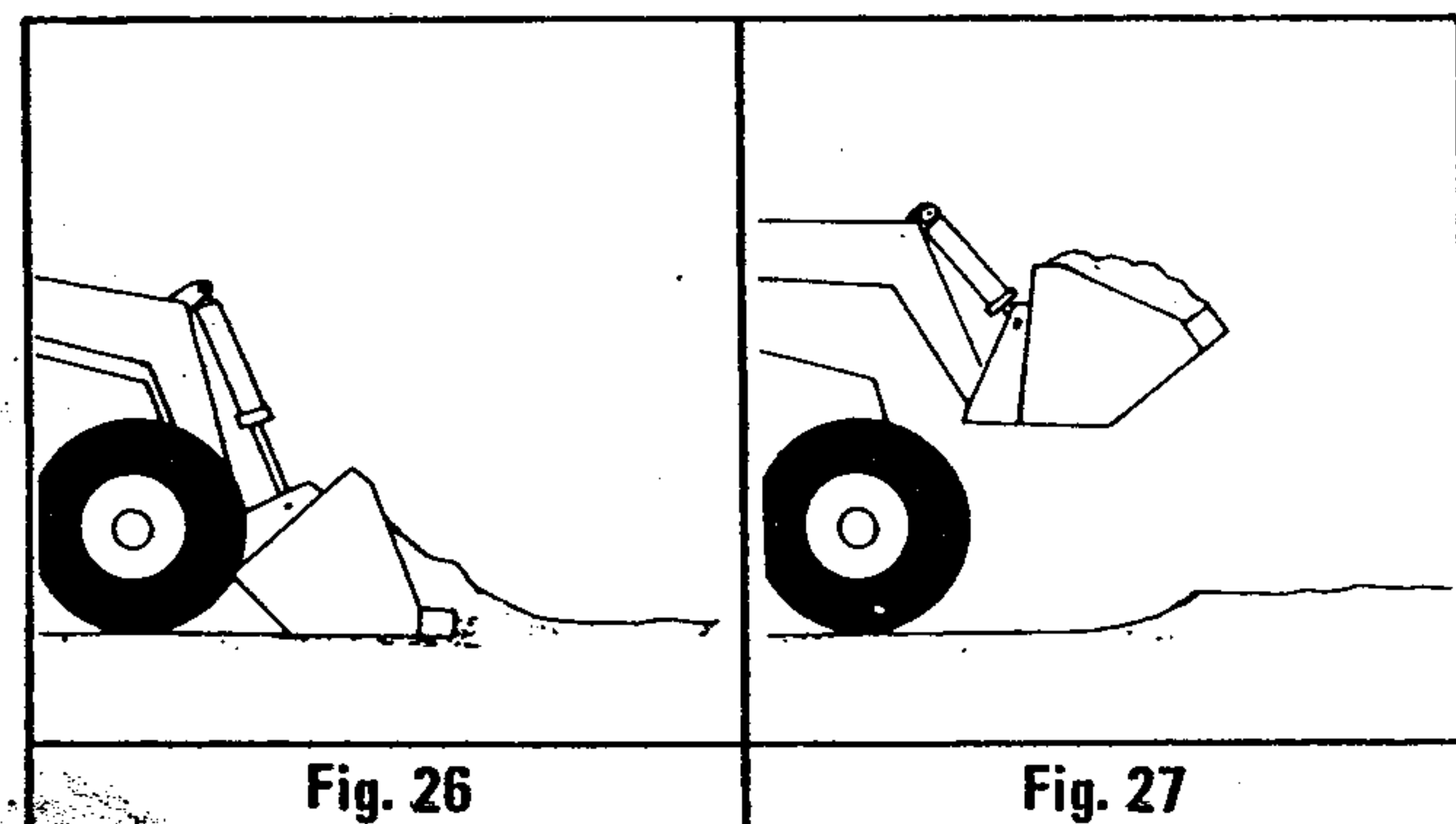


Fig. 26

Fig. 27

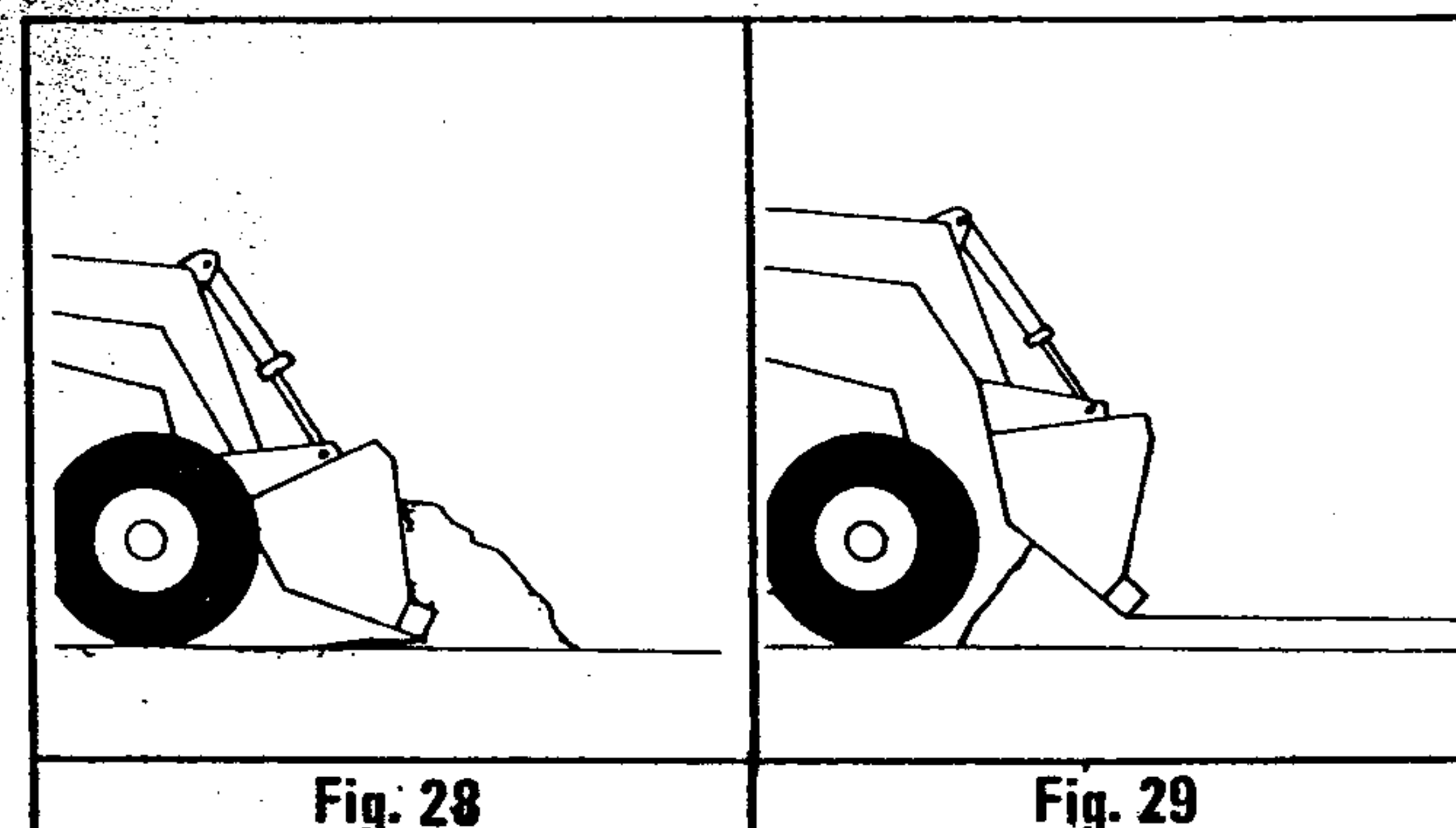


Fig. 28

Fig. 29

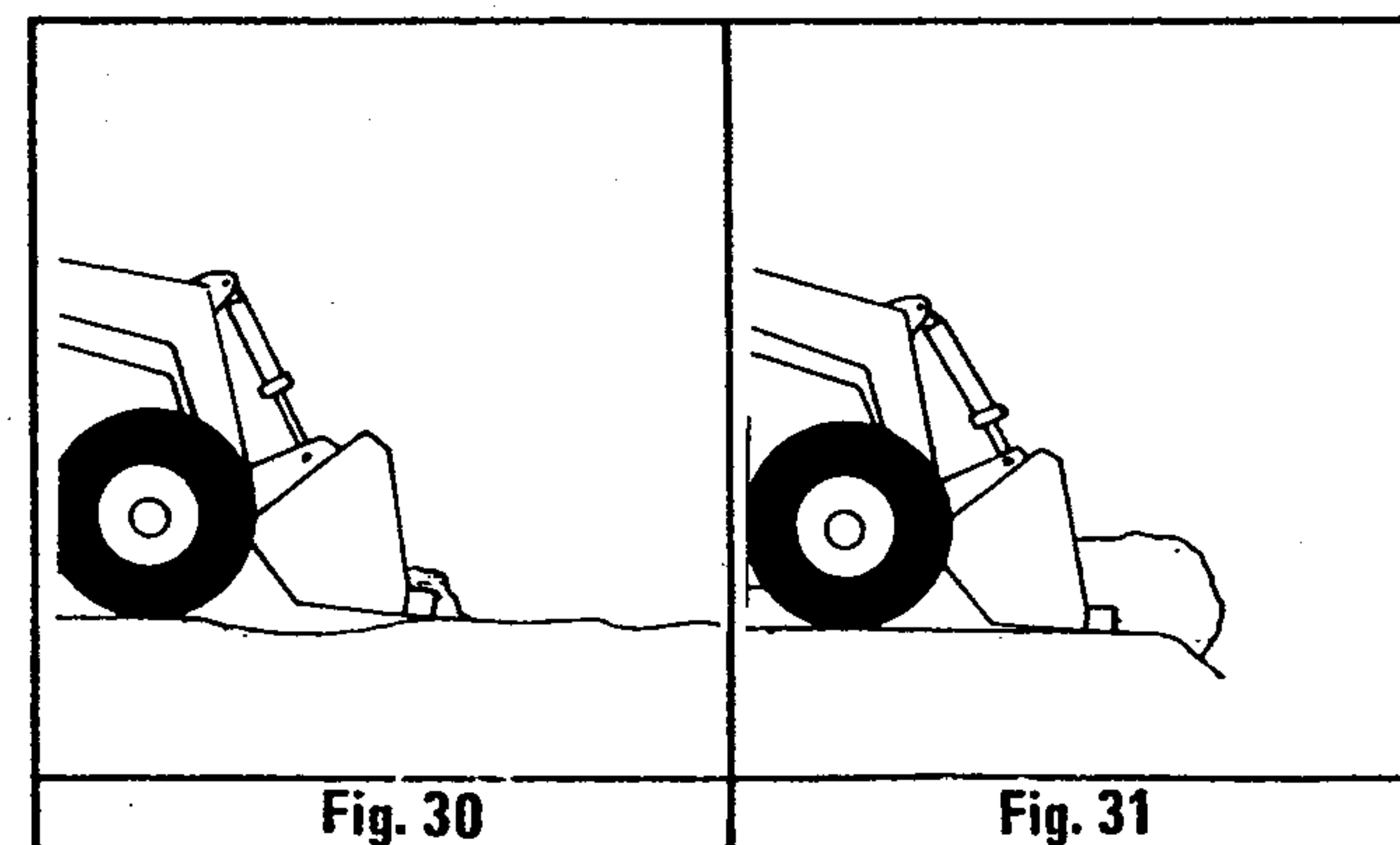


Fig. 30

Fig. 31

OPERATING LOAD WITH BUCKET

When entering a pile (Fig. 22), keep lift arm lowered and bucket lip sliding on ground into pile. To fill bucket roll bucket back (Fig. 23) and exit pile.



WARNING: Never load bucket with lift arm raised even slightly. This causes undue pressure on pivot points and hydraulic lift cylinders.

To dig into hard ground, lower lift arm and tilt bucket down (Fig. 24). Drive forward, tilting bucket as required to penetrate ground (Fig. 25). To maintain uniform depth, roll bucket back slightly, this will also increase traction (Fig. 26). Fill bucket, roll bucket back (Fig. 27) and drive to dumping area.



WARNING: Keep bucket low while moving to dumping area.



WARNING: Be certain to level load as bucket is being raised so material will not fall over back of bucket. Overhead guards are installed for your protection. **DO NOT** operate the loader with overhead guard removed.

LEVELING AND BACKFILLING WITH BUCKET

1. To spread fill, raise bucket, drive forward or backward and tilt bucket enough for material to slide out (Fig. 28).
2. To level material, raise bucket and tilt so that lip is at desired level (Fig. 29).
3. Float position on lift works well in some conditions. This allows bucket to follow uneven ground (Fig. 30).
4. To fill holes in rough ground, push material with bucket, letting it drop into low spots (Fig. 31).

TRANSPORTING LOADER ON PUBLIC HIGHWAYS

Gehl Company complies with laws for safety when transporting slow moving vehicles on public highways.



When transporting on public highways at night or during the day, use accessory lights and devices for adequate warning to the operators of other vehicles. In regard to these devices, check local government regulations.

Slow Moving Vehicle Emblem Bracket is welded to rear of Loader. Figure 32.

Because of variations in safety laws of different states in which these Loaders are used, it may be necessary to change location of the Mounting Bracket. Your Gehl dealer will help you to make changes necessary to comply with laws of your state.

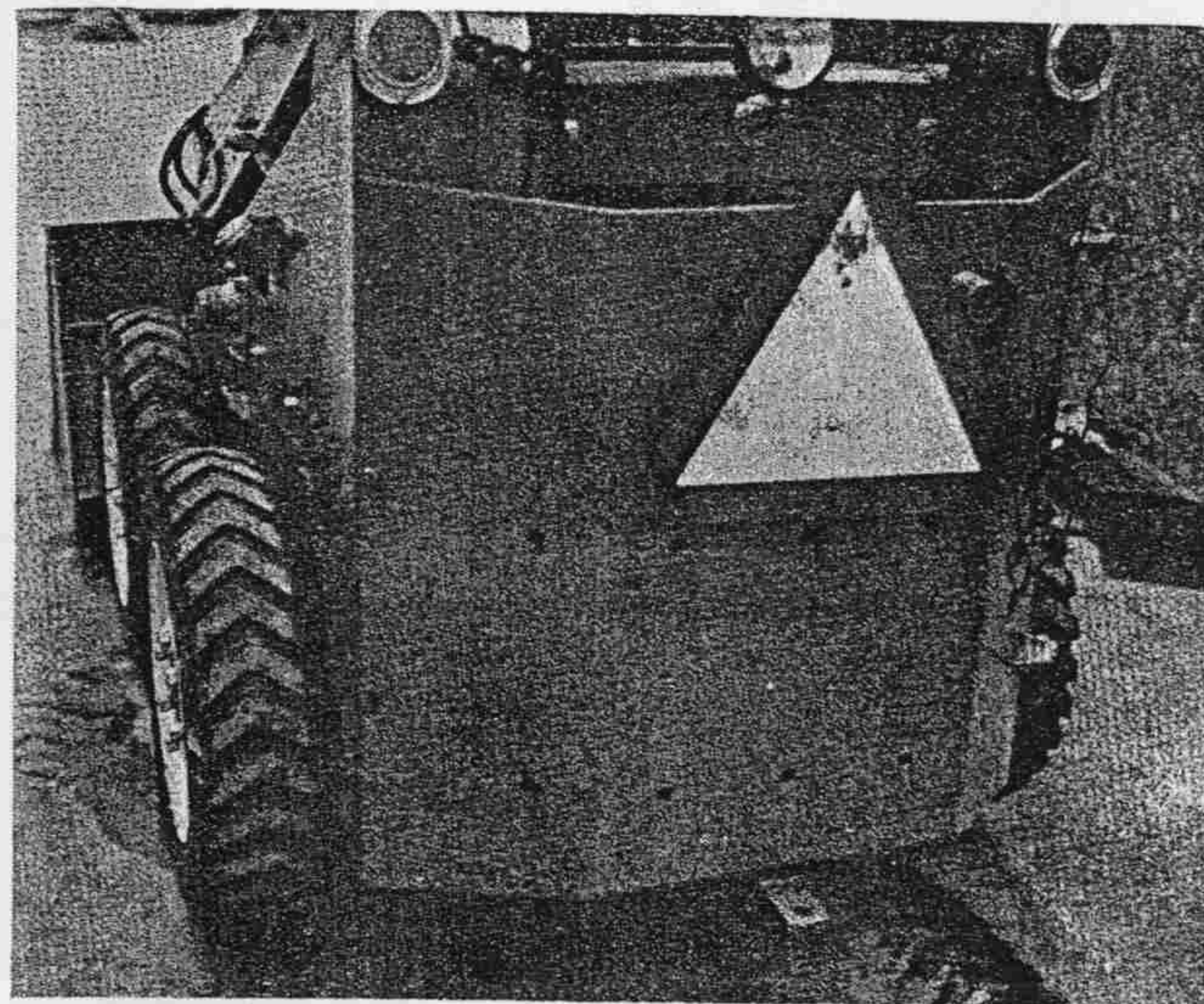


Fig. 32

OPERATION ADJUSTMENTS

DRIVE CHAIN ADJUSTMENT

There are several ways to adjust drive chains. A few different ways are explained. Use the procedure that is most to your liking. See Fig. 33.

1. Use bucket to raise front wheel(s) off the ground.

Loosen nuts on both sides of the chain housing. Take up chains so there is no slack. Rotate front wheel, then readjust chain tightness. Retighten take-up brackets. Repeat this same procedure on opposite side of the machine. Lower wheels to the ground.

2. Position lift jack on main frame midway between front and rear tire. Raise machine until both the front and rear tire are off the ground. Use the same procedure for taking up chain slack as stated in item one (1) above.

3. Loosen nuts on chain take-up bracket. Take-up chains with the take-up bolt. Proper tension should be $\frac{1}{4}$ " deflection with force of 20 lbs. Then, start machine and move back and forth approximately four feet several times. Repeat take-up process until all slack has been removed. Repeat this same procedure for the opposite side.

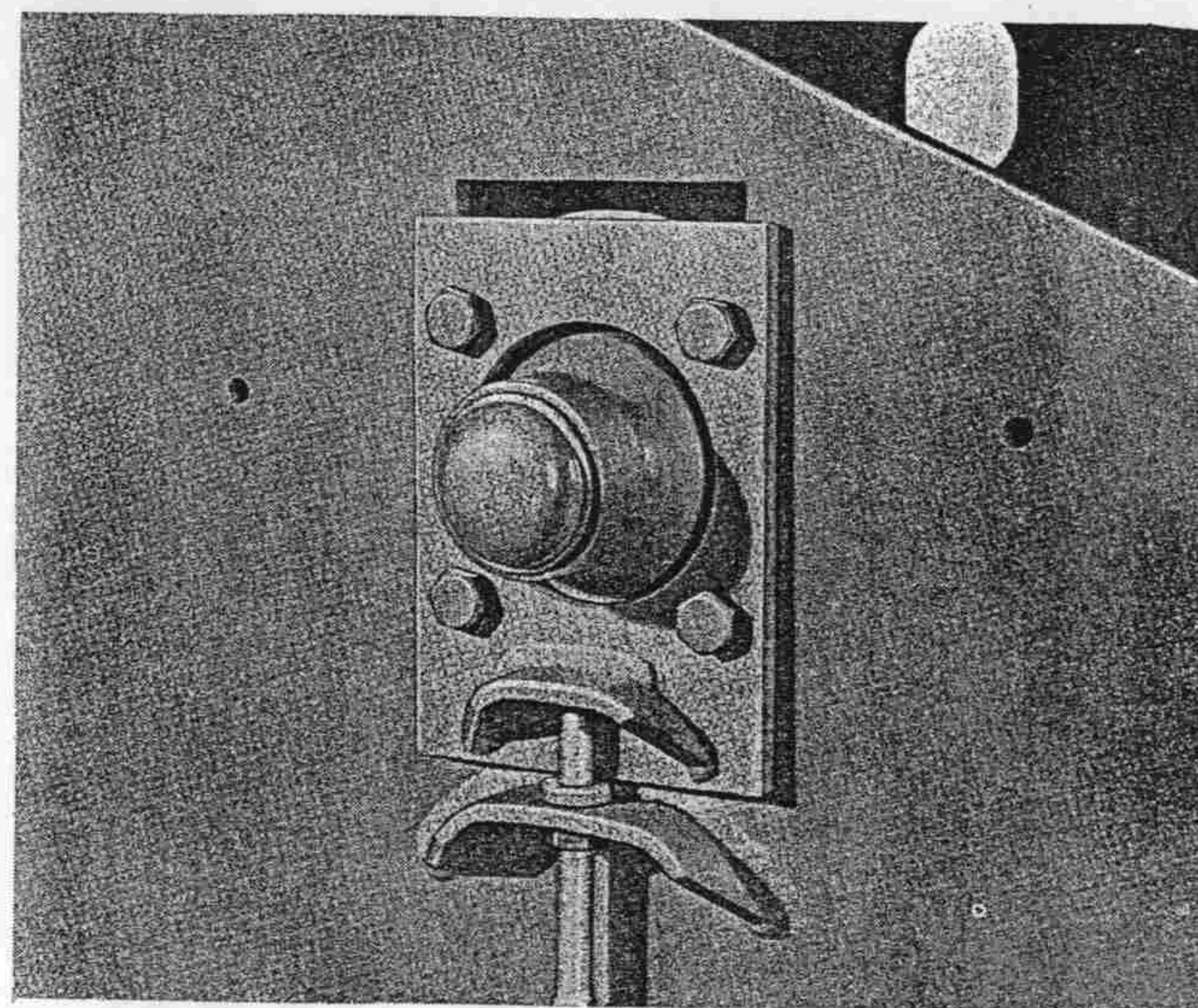


Fig. 33

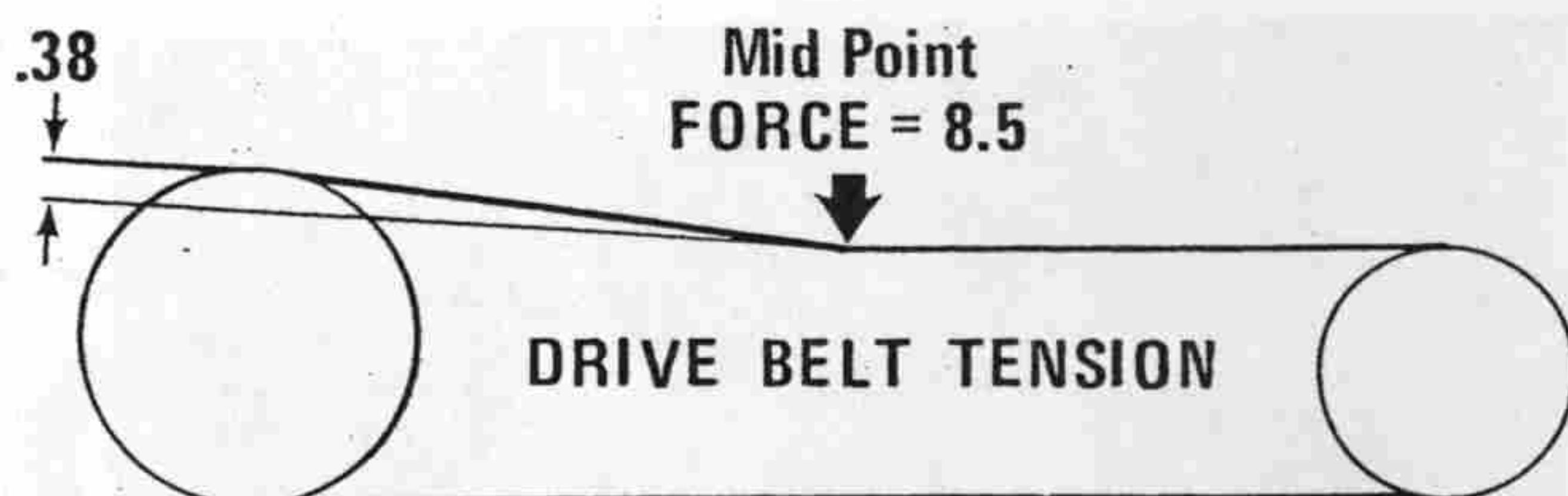


Fig. 34

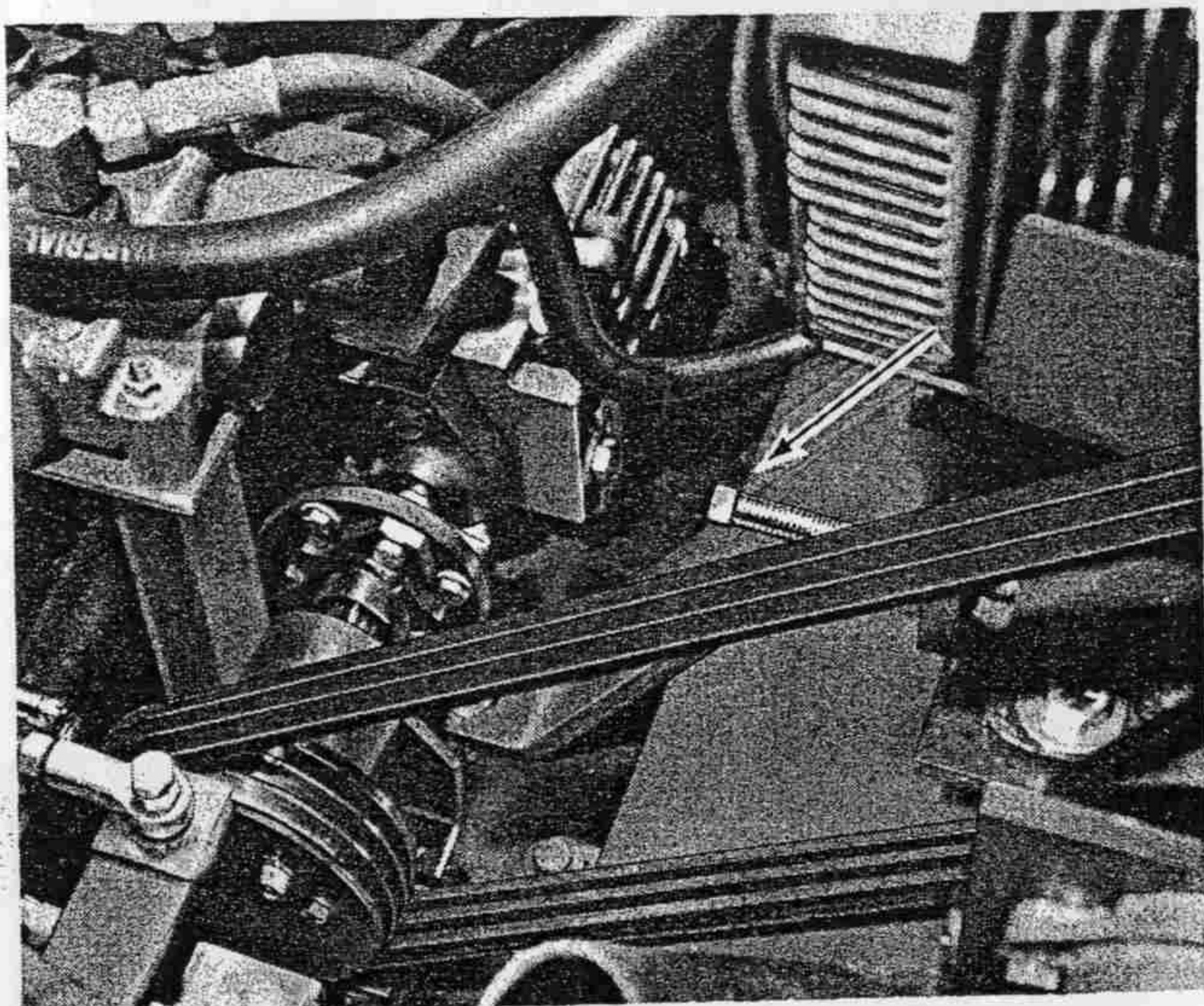


Fig. 35

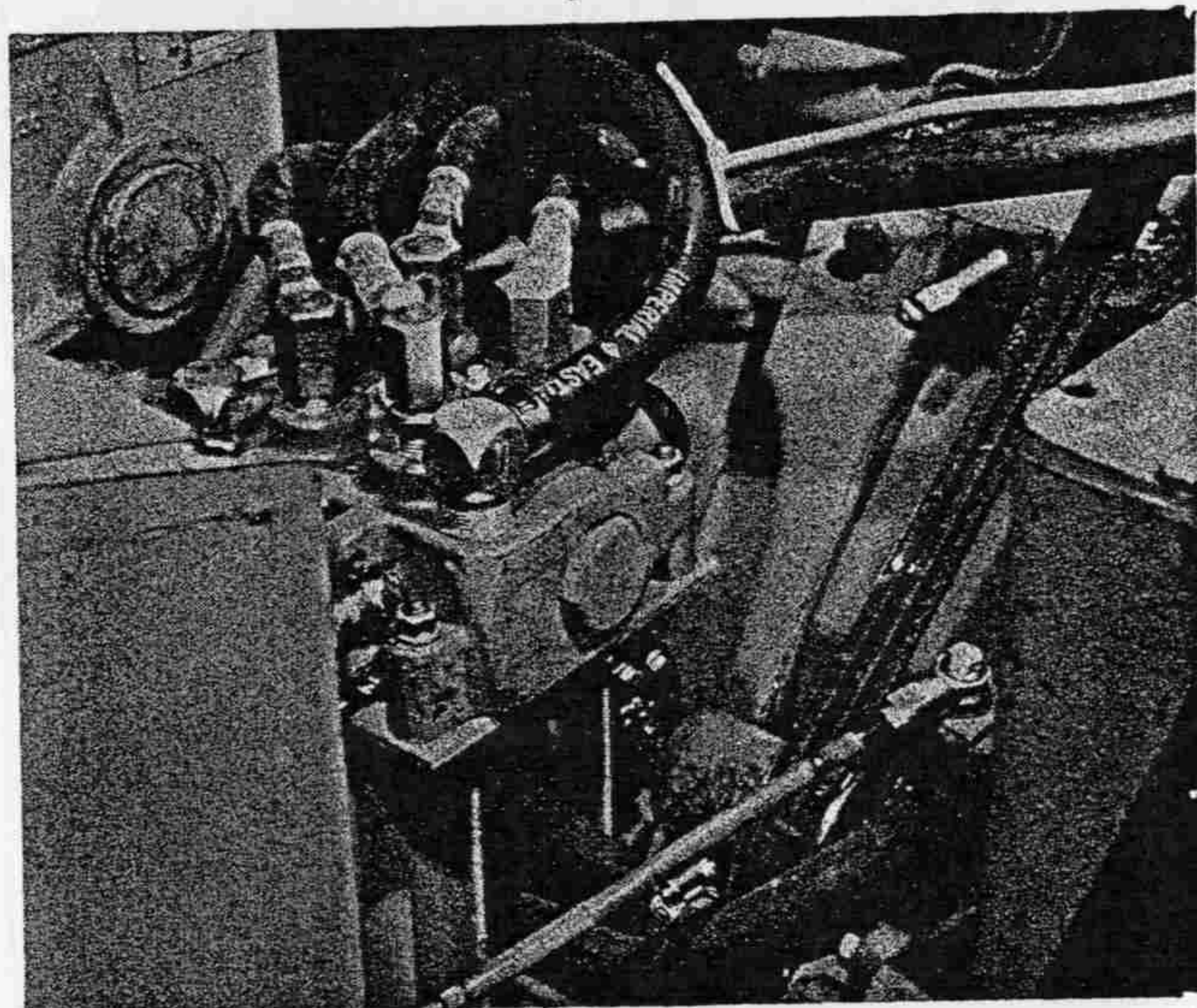


Fig. 36



Fig. 37

DRIVE BELT ADJUSTMENT

The Drive Belt **MUST** be kept at proper tension (Fig. 34), and in alignment at all times. To take-up Belt slack to the proper operating tension, loosen Engine Mounting Bolts slightly. Then turn Adjustment Screw (Fig. 35). The belt will be at proper tension when belt deflection is $\frac{3}{8}$ " when 8.5 lbs. pressure is applied across entire width of the belt midway between the drive and driven sheaves.

IMPORTANT: Tighten Engine Mounting Bolts before starting the Engine.

CONTROL LEVER ADJUSTMENT

1. Adjust length of traction drive control (Left T-Bar) rods so that lever is at center of detent and the "Tee Handle" is parallel to the axle center line. To adjust rod length, loosen lock nuts on each end and turn nut at center of rod. Re-tighten jam nuts against ball joints. Be sure all joints are secure. (Fig. 36).
2. Check detent and friction strip in upper Console for tension and adjust by compressing or expanding springs.
3. Adjust length of Lift Arm control rods so that lever is vertical and "Tee Handle" is parallel to the axle center line. To adjust rod length, loosen lock nuts on each end and turn nut at center of rod. Re-tighten jam nuts against ball joints.
4. Make sure all joints and connections are fastened tight.

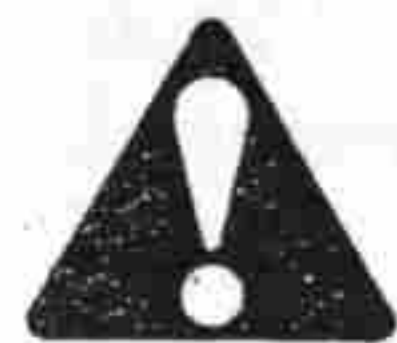
CONTROL LEVER LOCK ADJUSTMENT

Adjustment bolts are provided to position Control Levers in "Neutral" position as shown on the Console Decal. Adjust bolts shown to locate Levers in correct position to assure proper Control Lever Lock operation. (Fig. 37).

NOTE: It may also be necessary to adjust rod length.

SEAT LOCK ADJUSTMENT (Fig. 38)

The seat lock should be adjusted so that when no weight is applied to seat the control levers are locked in neutral position. When weight is applied to the seat, the lock plate should raise to top of control console releasing levers. If seat lock won't lock or release, loosen lock nut on adjustment bolt. Turn bolt to make needed adjustment and tighten lock nut. Keep well greased.



WARNING: DO NOT use the safety seat lock to dismount machine with engine running.

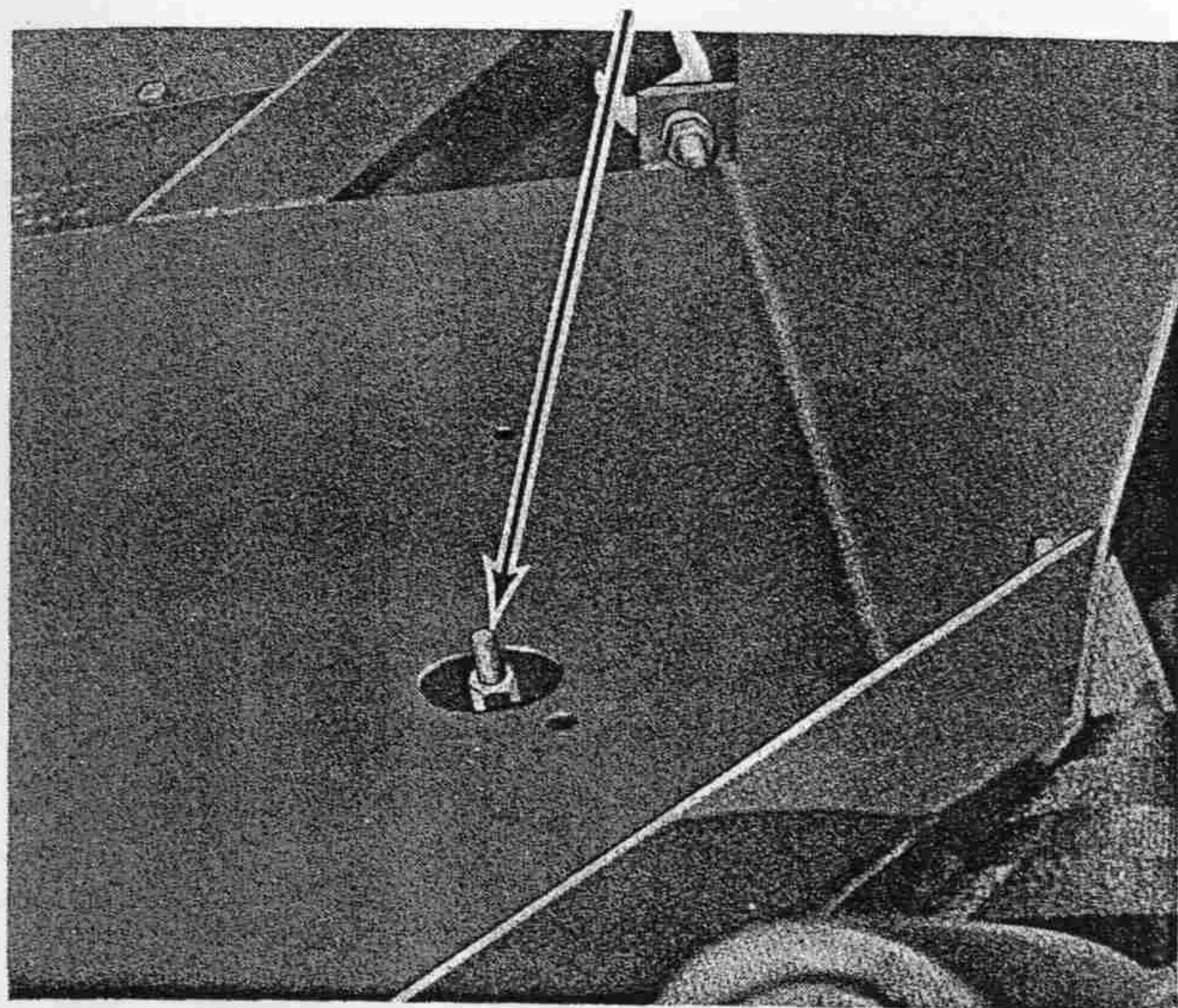


Fig. 38

CONTROL LINKAGE ADJUSTMENT

If machine creeps when drive control lever is in neutral, drive control linkage **MUST** be adjusted. This is done by changing length of the control rods. Loosen jam nut and turn rod as necessary to stop the creeping (Fig. 39). To prevent forward creep, lengthen the rod. To prevent rear creep, shorten the rod.



Fig. 39

WHEEL TORQUING

Wheel mounting bolts should be checked for tightness at regular intervals as loose bolts will enlarge holes in wheel ruining them. Correct torque for bolts is 100 ft. lbs. Be sure to check bolt torque prior to first use and again after first 8 - 10 hours of use. Check wheel mounting bolts periodically thereafter.

SERVICE

SERVICING THE AIR CLEANER (Fig. 40)

Maximum engine protection against the ravages of dust is possible **ONLY** if the Air Cleaner is serviced at regular intervals. Empty Dust Cap daily or more often if required. Dust level should not be allowed to build up to less than 1/2 inch from slot in Dust Cup Baffle. Remove foreign material such as leaves from around Filter and tighten Wing Bolt if necessary.

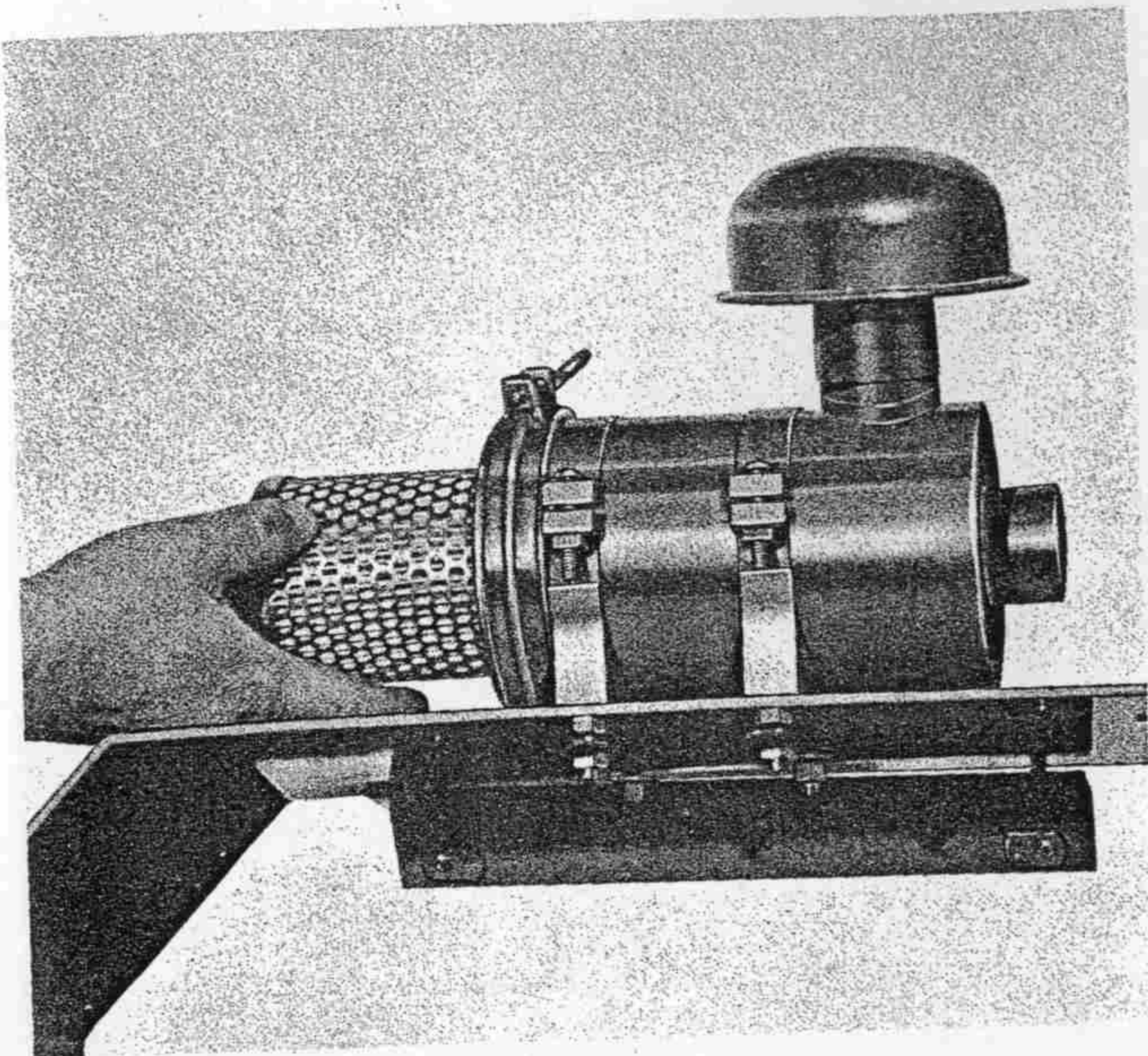
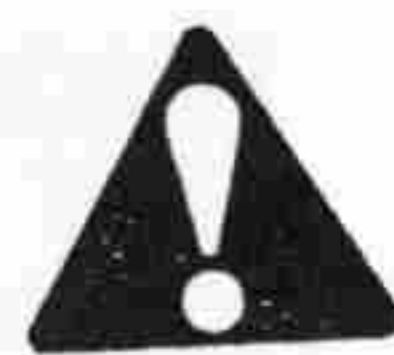


Fig. 40

Service Filter Element as indicated in the following steps:

1. Direct dry, clean air up and down pleats on the "Clean Air" side of the Filter.



WARNING: Air pressure at Nozzle **MUST** not exceed 100 PSI.

2. Maintain reasonable distance between Nozzle and Filter.
3. To wash oily and soot laden Filters, use No. 600015 Filter Cleaner. Proportions are 2 ounces of cleaner to one gallon of water. For best mixing results, use small amount of cool tap water, then add to warm (70° - 100° F) water to give proper proportion. The warmer (100° F) the solution the better the cleaning. Soak Filter Element for 15 minutes. Rinse thoroughly with clean water from hose (maximum water pressure 40 PSI). Air dry completely before reusing.



NOTICE: DO NOT heat element to speed up drying.

4. After Element has been dried, inspect for damage by placing bright light inside the Element. Thin spots, pin holes or the slightest rupture will render the Element unfit for further use.



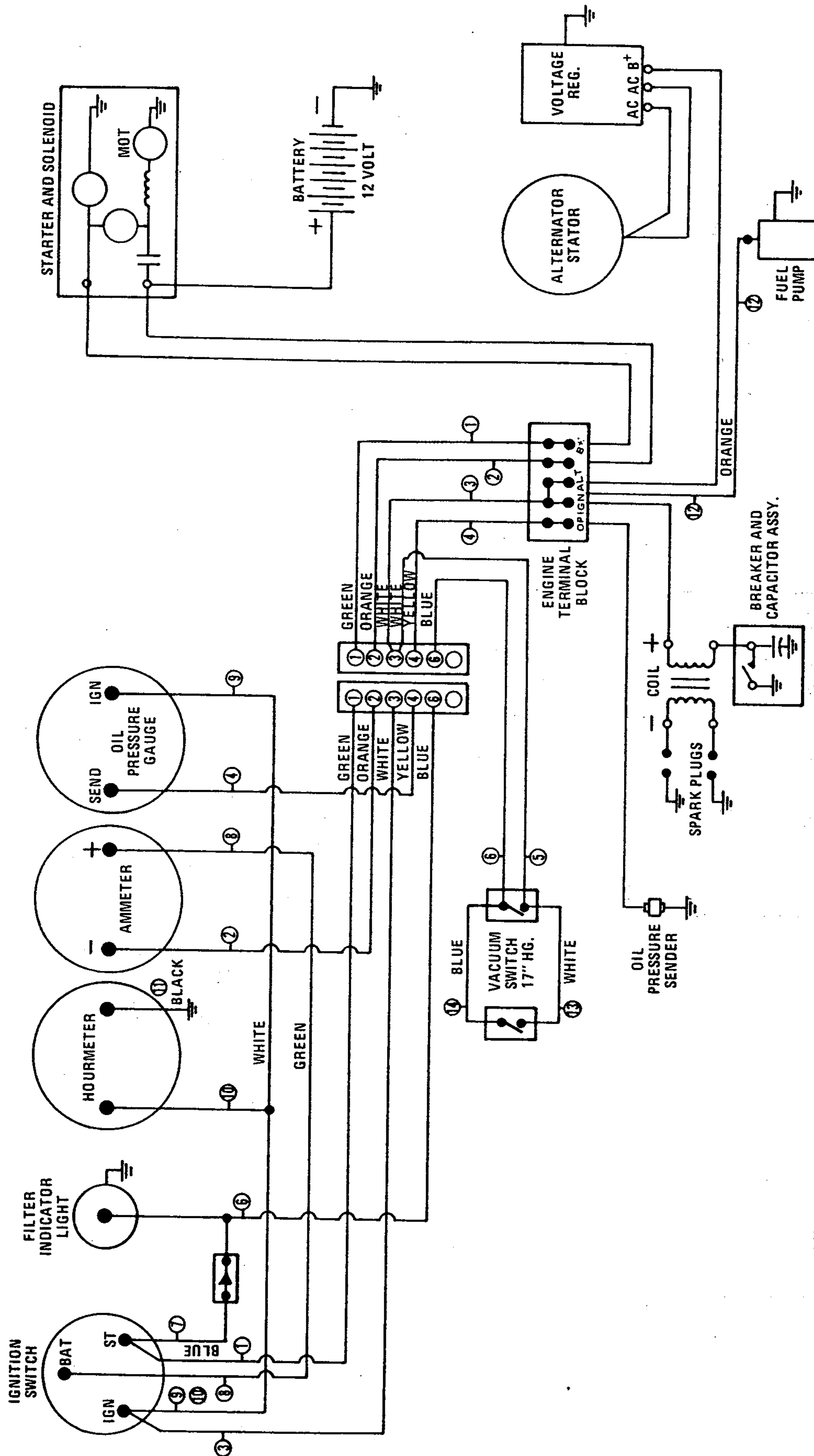
IMPORTANT: Filter Element should be replaced after six (6) cleanings or annually.

5. Reassemble Air Cleaner in reverse order - inspecting all Gaskets and replacing any that are questionable.

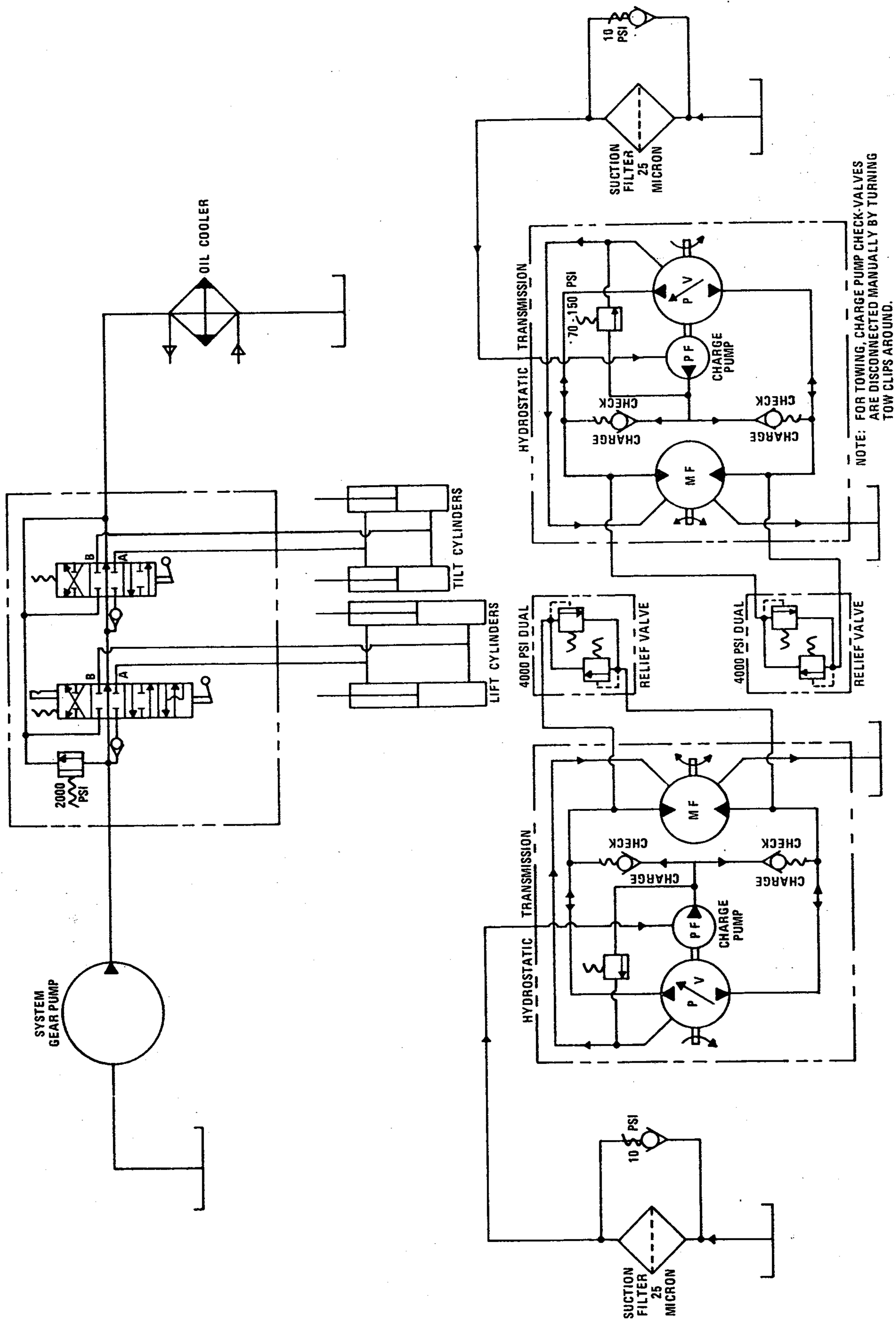


NOTE: DO NOT use oil in dust cap.

6. Inspect and tighten all Air Cleaner induction system connections.

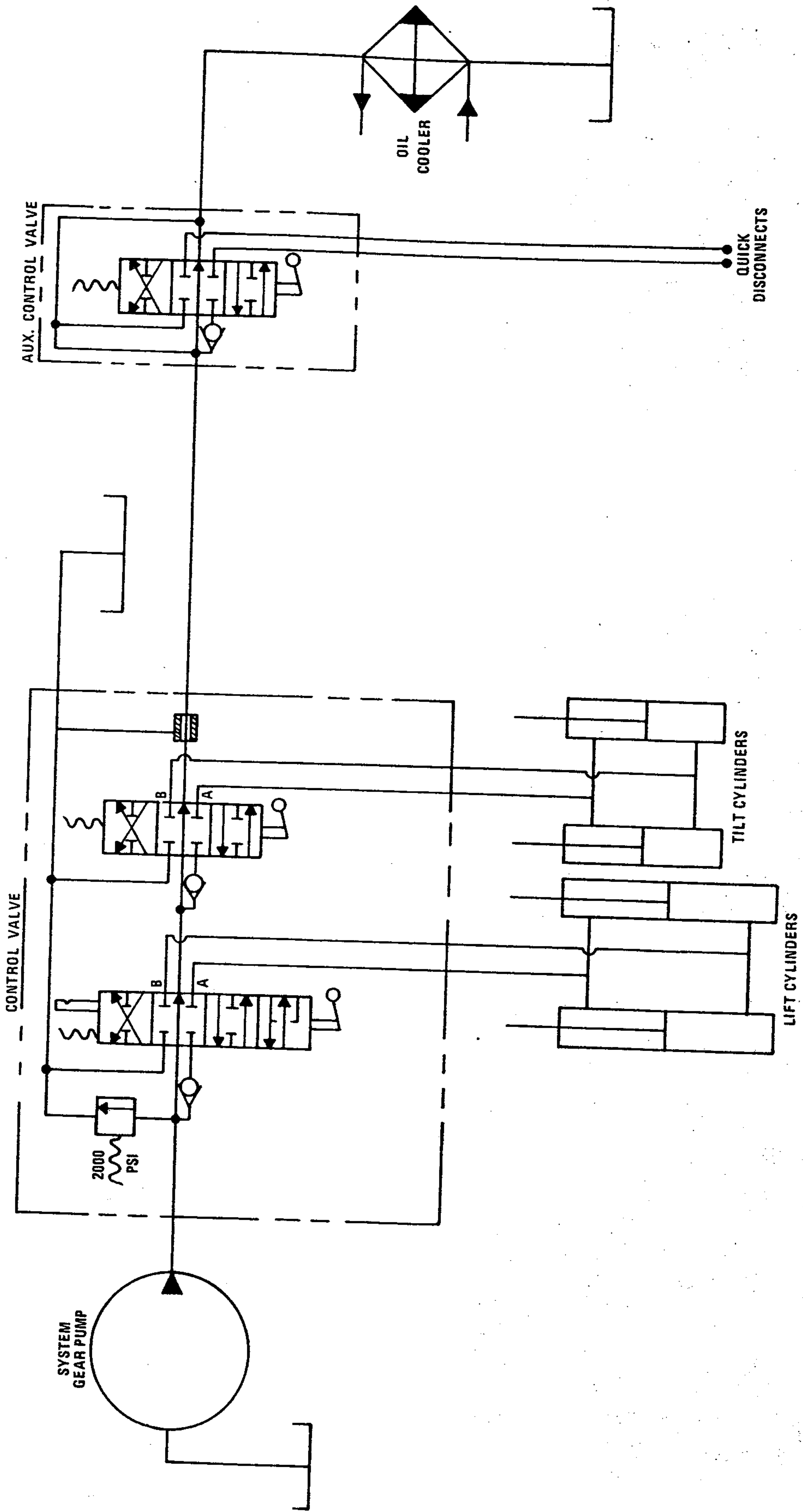


ELECTRICAL DIAGRAM
Fig. 41



HYDRAULIC DIAGRAM

Fig. 42



HYDRAULIC SYSTEM - POWER BEYOND

Fig. 43

LUBRICATION

To be assured of long Loader life and satisfactory operation, the entire unit **MUST** be lubricated at regular intervals as specified with oil and grease recommended.

GREASE

All Grease Fittings are of standard style commonly found on farm implements and automotive equipment.

Always use a good multi-purpose lithium base grease when lubricating loader. Apply grease until excess shows.

Also apply grease to the inside of friction bars in control console to assist in smooth operation.

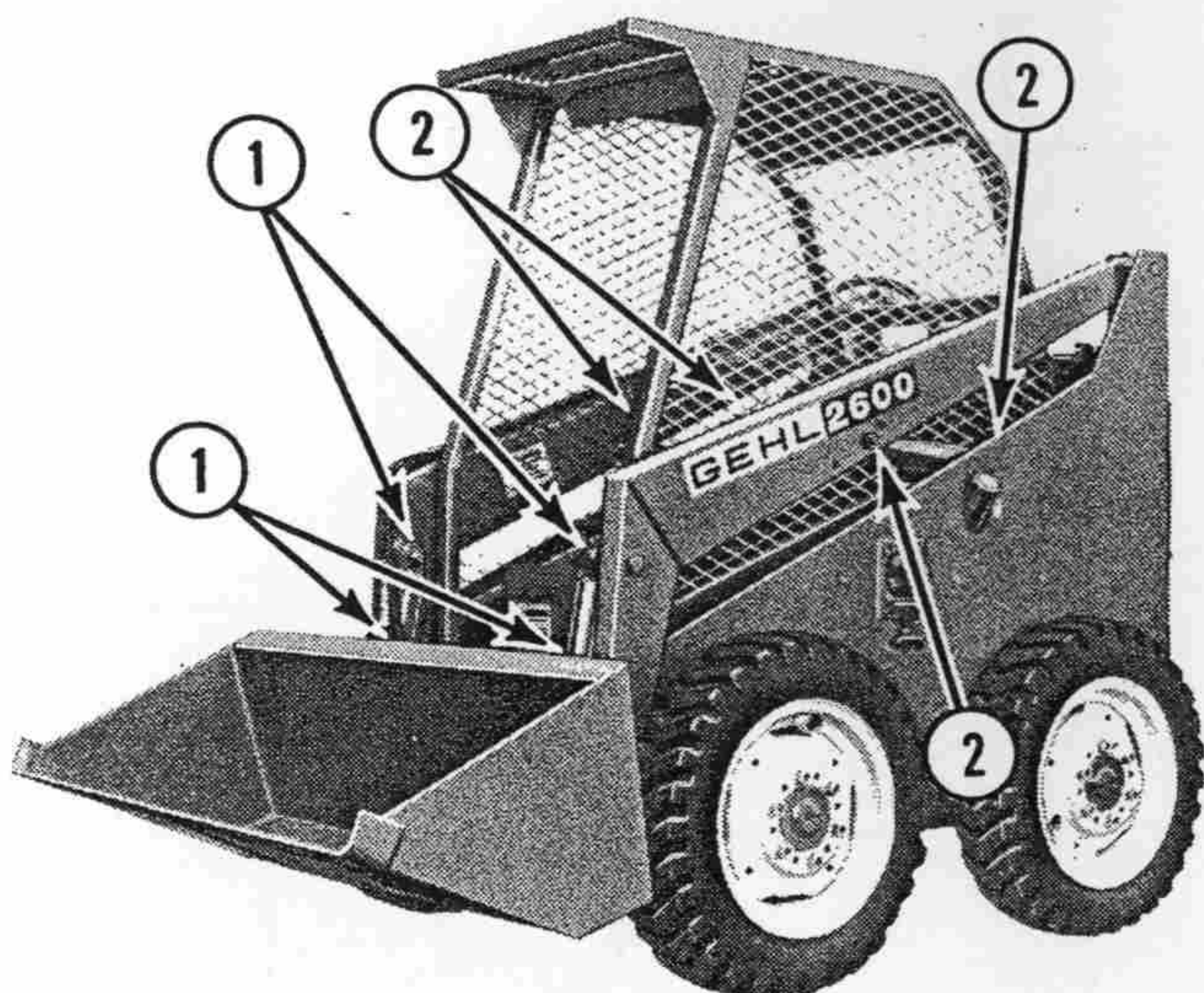


Fig. 44

KEY TO LUBRICATION (Refer to Fig. 44)

- 1 - Tilt Cylinders (Four Places) - 10 Hours
- 2 - Lift Cylinders (Four Places) - 10 Hours

Spray moly-lub or motor oil should be applied to rod ends on the control linkage and Pivot Balls on the T-Bars every 50 hours. Much more frequent lubrication of the controls and pivot points is required when the loader is used in dusty and corrosive conditions such as fertilizer plants, foundrys or mines.

Grease all Fittings listed in the "Key To Lubrication" at intervals specified with a good grade of SAE Multi-Purpose grease.

OILS

Loader and Engine operation are dependent on correct good grade lubricating oils. Use only recommended grades stated.

Some replacement brands follow:

1. Automatic Transmission Fluid - Type A - Suffix A
2. Automatic Transmission Fluid - Type F
3. Dexron Automatic Transmission Fluid

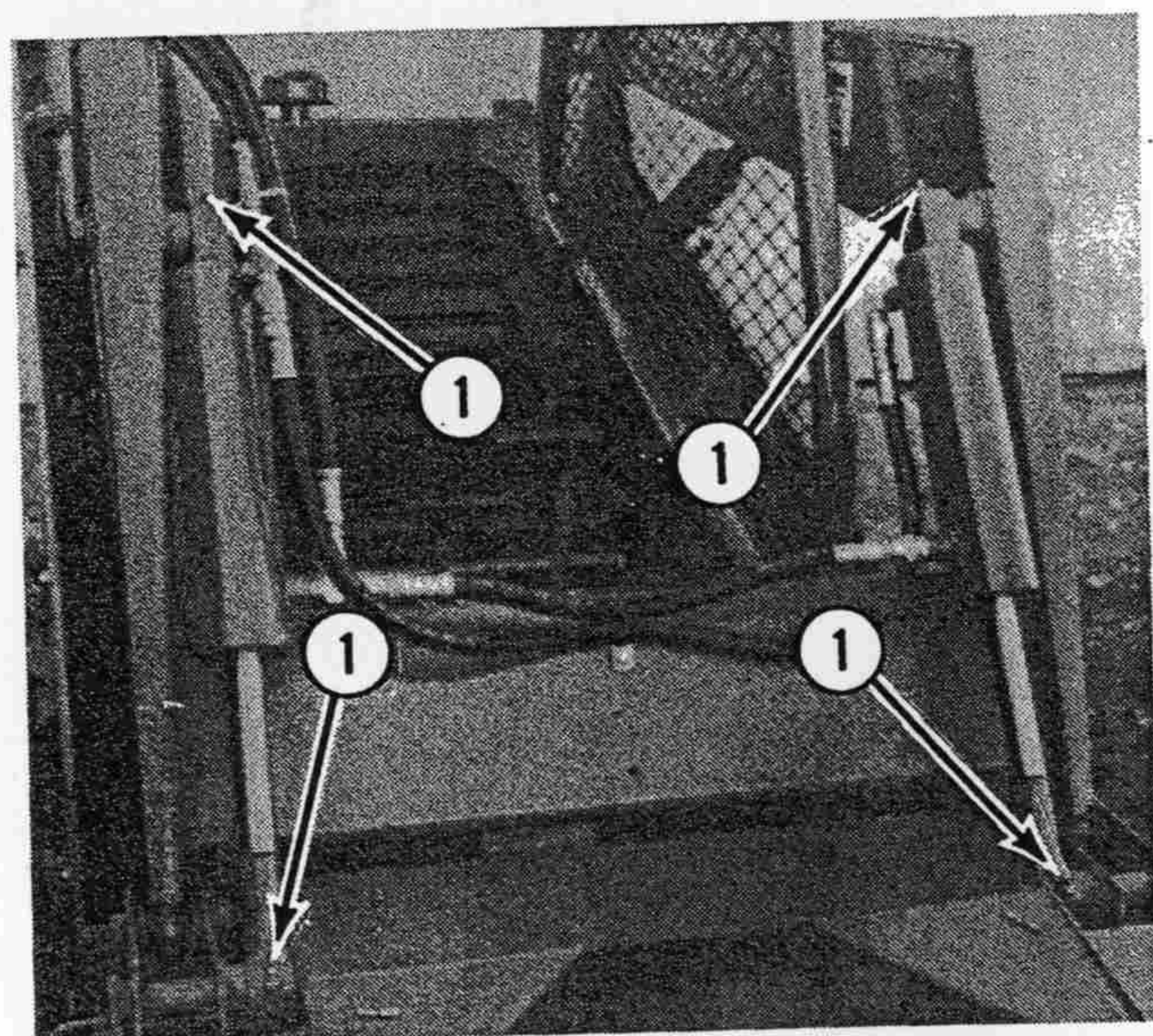
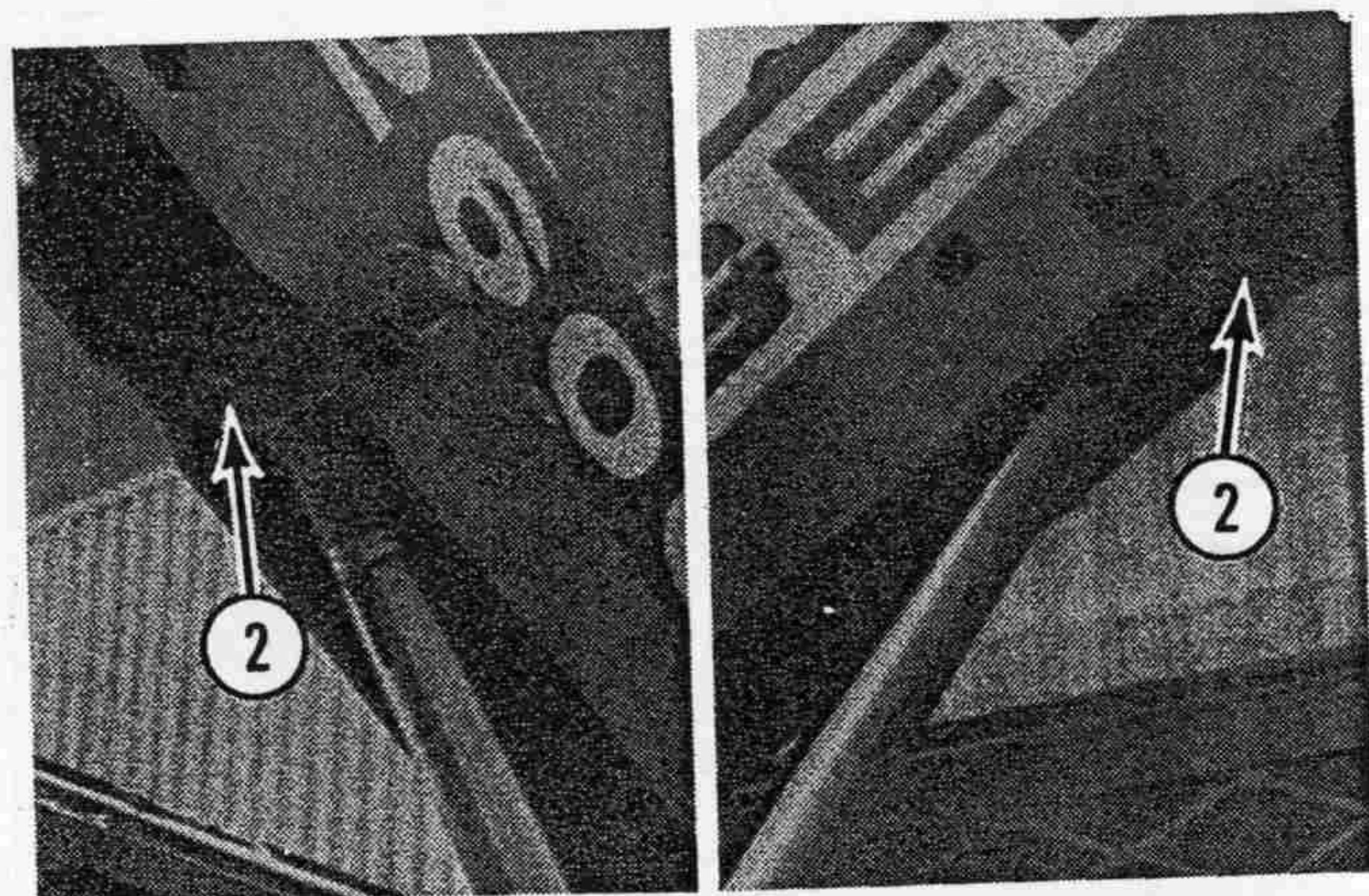
Typical Specifications:

VISCOSITY INDEX 150-210

Temperature	0° F	100° F	210° F
SUS Viscosity	6000 max.	180 min.	47 min.

Use a good quality motor oil that meets API Service Classification, SE or SE/CC. Use the proper SAE viscosity for expected start-up temperature conditions.

Air Temperature	Multiple Viscosity Oil
Below 0°	5W - 30
0 - 30°	10W - 40, or 5W - 30
30 - 90°	30
90° and above	50



Crankcase Capacity:

Onan Engine with Filter - 4 quarts
Ford Engine with Filter - 6 quarts
Wisconsin Engine with Filter - 4 quarts
Perkins Diesel with Filter - 6 quarts

NOTE: Oil T-Bar Swivel Balls every 100 hours. Drop 10 - 15 drops of oil on each Swivel Ball. See page 28.



Never Lubricate when any part of the Machine is in motion.

Engine oil should be checked daily or at the beginning of each shift. On a new engine check more often for first 50 hours. Oil level should always be between "add" and "full" (Fig. 45) on the dipstick. Use a good quality detergent motor oil of proper SAE viscosity for temperature expected at start of shift, not high for day.



WARNING: Never lubricate when any part of the machine is in motion.

CHANGING OIL and FILTER

Engine oil and filter should be changed after every 100 hours of operation. In temperatures of over 90° F, oil should be changed every 50 hours and filter every 100 hours. Also, when running engine for less than 1/2 hour intervals in cold weather, oil and filter should be changed every 50 hours to prevent built up of condensation.

To drain oil, remove cap on drain hose (Fig. 46). Drain oil, when warm, for at least 10 minutes then replace cap. Fill with 3.5 quarts of proper grade of oil for outside temperature, 3.25 quarts if filter is not changed.

To change filters, open tailgate. Twist-off filters are located to rear of the engine. Clean filter base, removing oil, dirt, etc. Install new filter, hand tighten only.

Start engine and check for leaks around filter. Recheck oil level and add oil if under "full" mark. **DO NOT** overfill, as this will cause high oil consumption (smokey engine).

GENERAL MAINTENANCE

It is important that a preventive maintenance schedule be strictly followed in order to eliminate costly repairs and downtime. Following is a guide to proper maintenance of the loader. Always follow this schedule, unless to shorten intervals due to extremely hot, cold, dusty or corrosive conditions.

Particular attention should be paid to the engine air cleaner, engine lubrication system and especially to the hydraulic filtering system. It is most important that these systems be kept clean and in good operating condition.

Repairs or adjustments to the loader should be done by a trained serviceman.

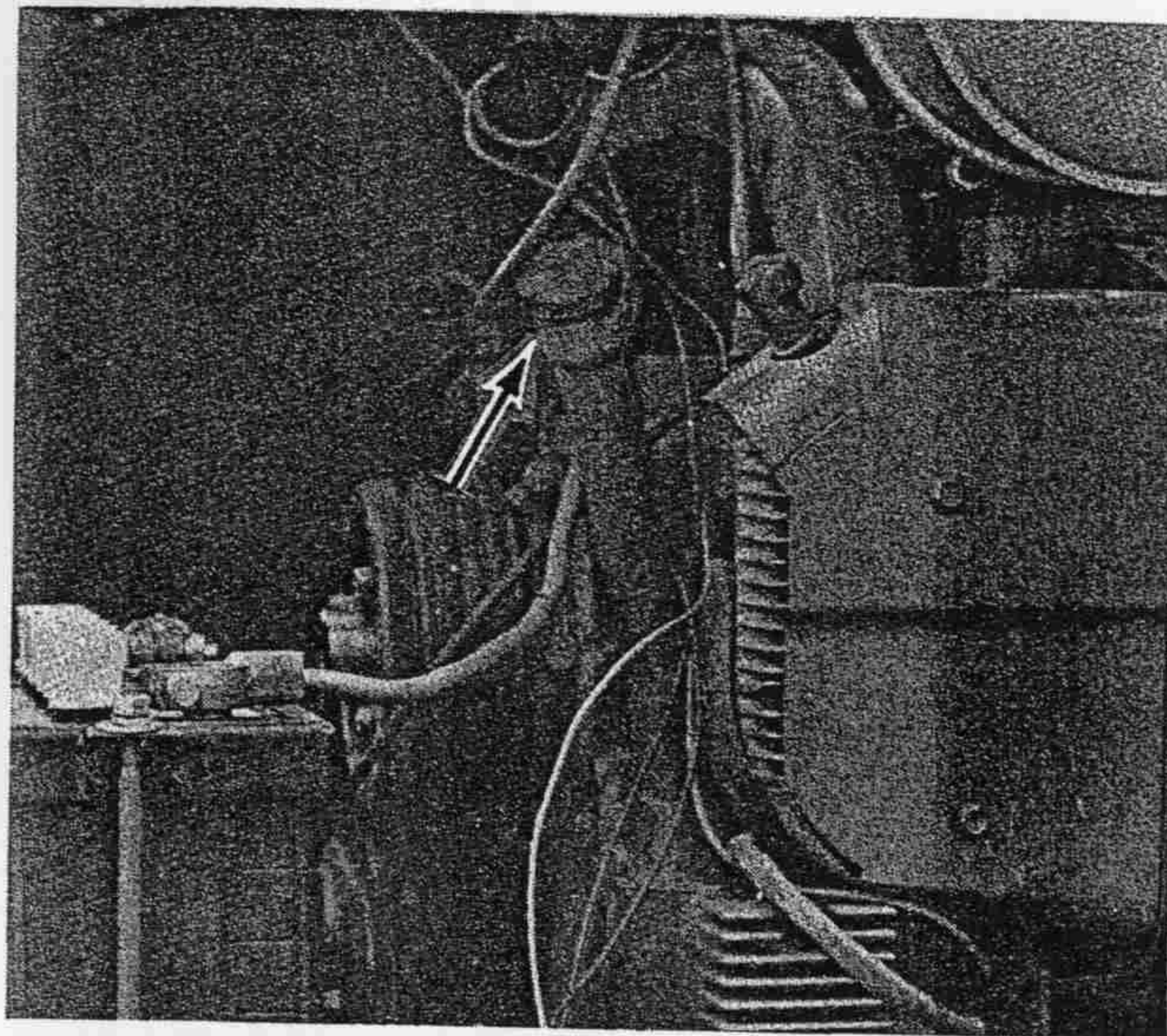


Fig. 45

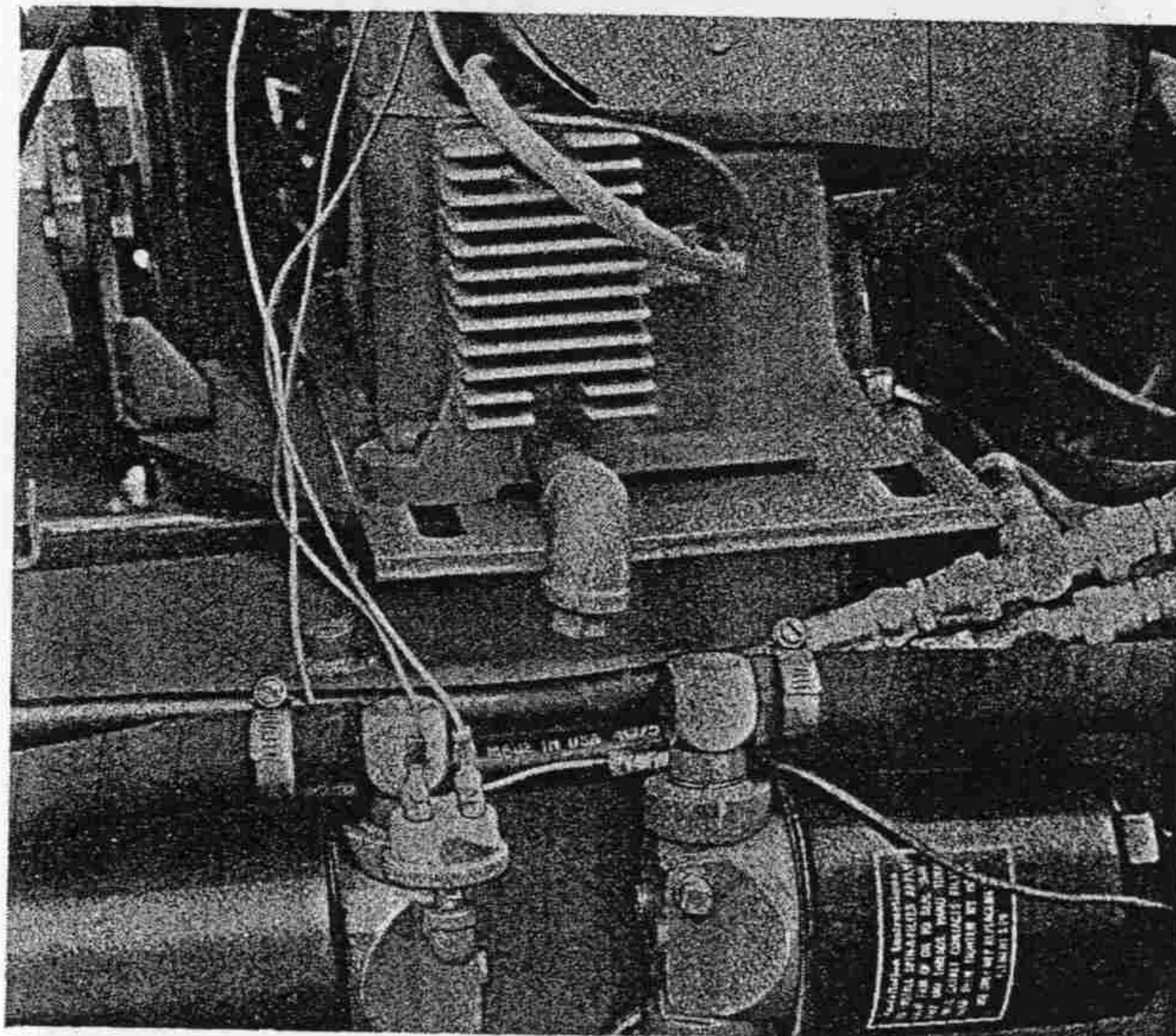


Fig. 46

Remember your loader only performs as well as you keep it lubricated and filtered clean, so a preventive maintenance schedule is very important to eliminate costly repairs and downtime.

TIRE MAINTENANCE

Standard 5.70 x 15 - 4 ply tires should be inflated to 42-48 P.S.I. Optional 27 x 8.50 x 15 flotation tires should be inflated to 32-38 P.S.I. It is very important to always keep the pressure of all four tires equal. Unequal tire pressure will cause rapid wear and difficult operation. Tires may be hydro-flated with calcium chloride for greater load stability and traction. Hydro-flating should not exceed 80% capacity of the tire. Fill to valve stem level, with stem at highest point.



NOTE: A special tire gauge is required for checking pressure in a hydro-flated tire.

When replacing tires, always make sure that there is not too much tread difference between the tires on the same side of the loader. Also, when the difference in tread wear between front and rear is approximately 1/8 to 1/4" or more, the tires should be rotated. Always rotate tires from front to rear and rear to front. Never rotate from side to side. Always replace a tire with the same size tire.

ENGINE COOLING

See Trouble Shooting section for overheating problems.

FUEL

GAS: It is recommended that regular gas or low lead regular gas be used in the loader.



WARNING: NEVER REFUEL A HOT ENGINE.

1. Use only an approved safety container.
2. Fuel only with engine ignition off, machine shut down.
3. Fuel only in well ventilated area, free from open flame or sparks. **(NO SMOKING).**
4. Use only clean fuel.
5. Be sure to tighten cap on fill pipe. (Fig. 46).

To prevent condensation from collecting in fuel tank, keep filler cap in place, always fill after machine has been shut down, remove bottom tank fuel fitting and drain off moisture occasionally.

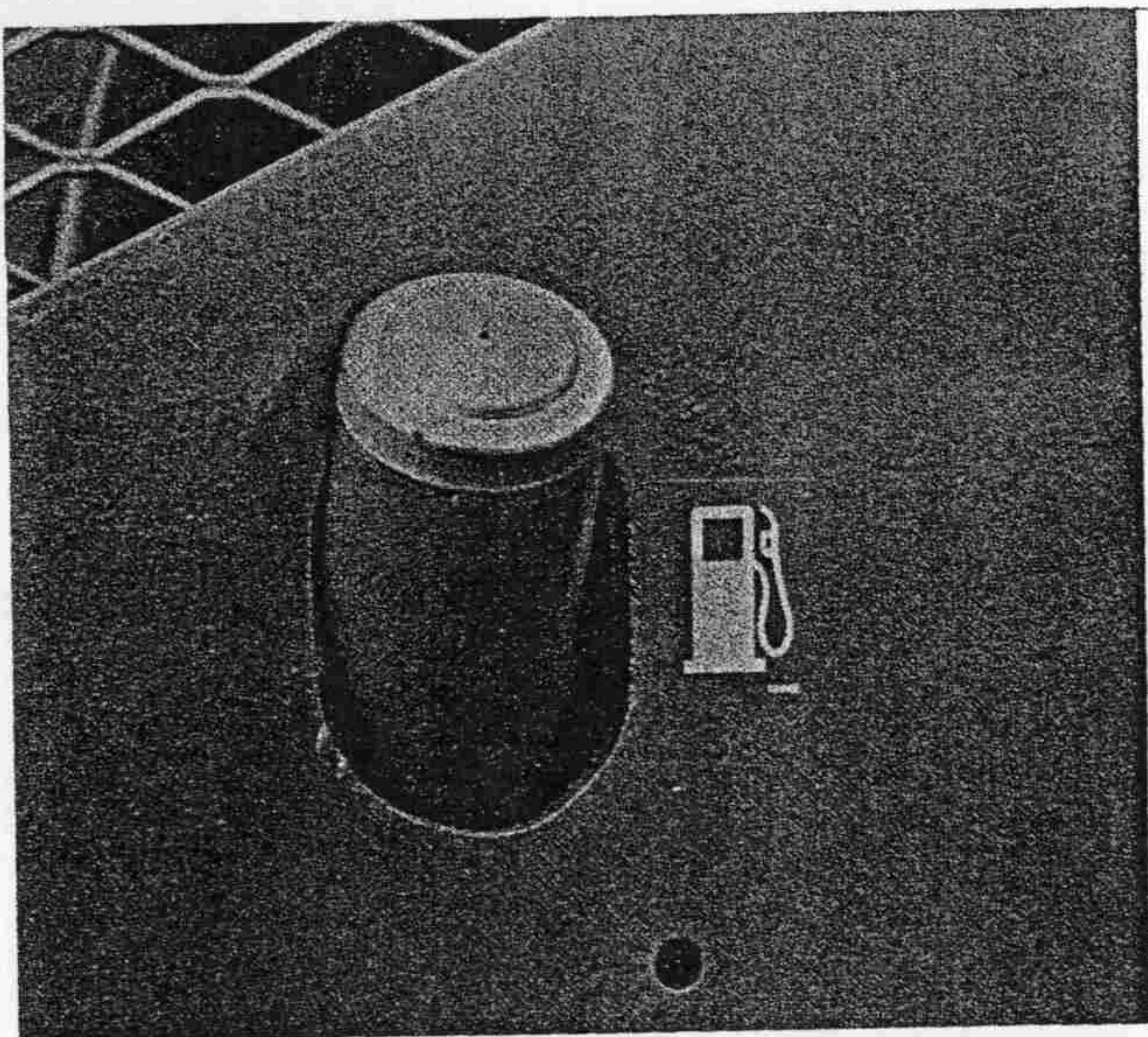


Fig. 47

REPLACING HYDRAULIC FILTERS (Fig. 48)

This machine is equipped with two hydrostatic suction filters, one for each hydrostatic transmission. Hoses leading from top of the filters cross under the seat, therefore, the right filter supplies the left transmission and the left filter supplies the right transmission. Both filter cartridges should be changed after the first 50 hours of usage, then regular servicing at 100 hours should be done. Dusty and dirty conditions may require more frequent service.

A red light on the instrument panel when remaining activated, especially at low idle, means the filter cartridges should be changed. Replace both cartridges when light is activated. If the light remains on after servicing check the following:

1. For short in light electrical circuit or loose wire.
2. Low hydraulic oil level.

The filter indicator bulb and its circuit can be checked for proper operation when the key is turned to start position. At that time the bulb should light, if not check bulb. The light should go out during cranking or when the switch returns to run position. If not check the light circuit.

If necessary to remove filter heads, hoses leading from filter to hydrostatic transmissions or transmissions themselves, it is necessary to refill both hoses with hydraulic fluid prior to starting the engine. This will insure an immediate oil supply to the charge pump and prevent damage to the hydrostatic pumps.

SERVICE PERIOD

ACTION

50 hrs. initial use	Change both hydraulic cartridges
Next 100 hrs.	Change both hydraulic cartridges

MOUNTING ATTACHMENTS

(Buckets, Pallet Forks and Manure Fork)

To mount Buckets, Pallet Forks and Manure Fork, tilt attachment mounting bracket ahead and drive unit to position where mounting brackets fit between attaching brackets as shown. Raise Load Arms until attachment is off the ground. Align pin holes and insert quick switch pins. Secure with hair pin cotters. See Fig. 49.

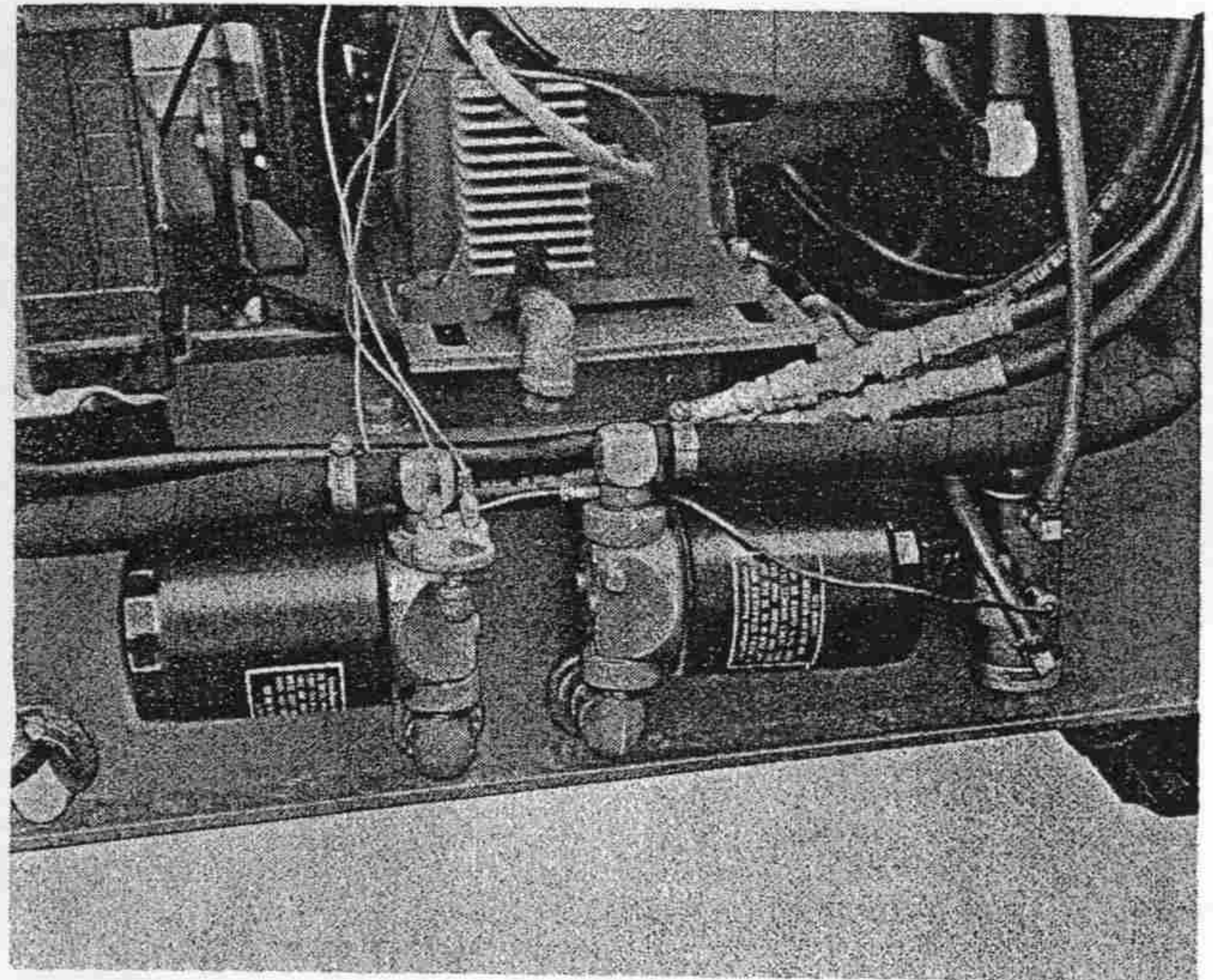


Fig. 48

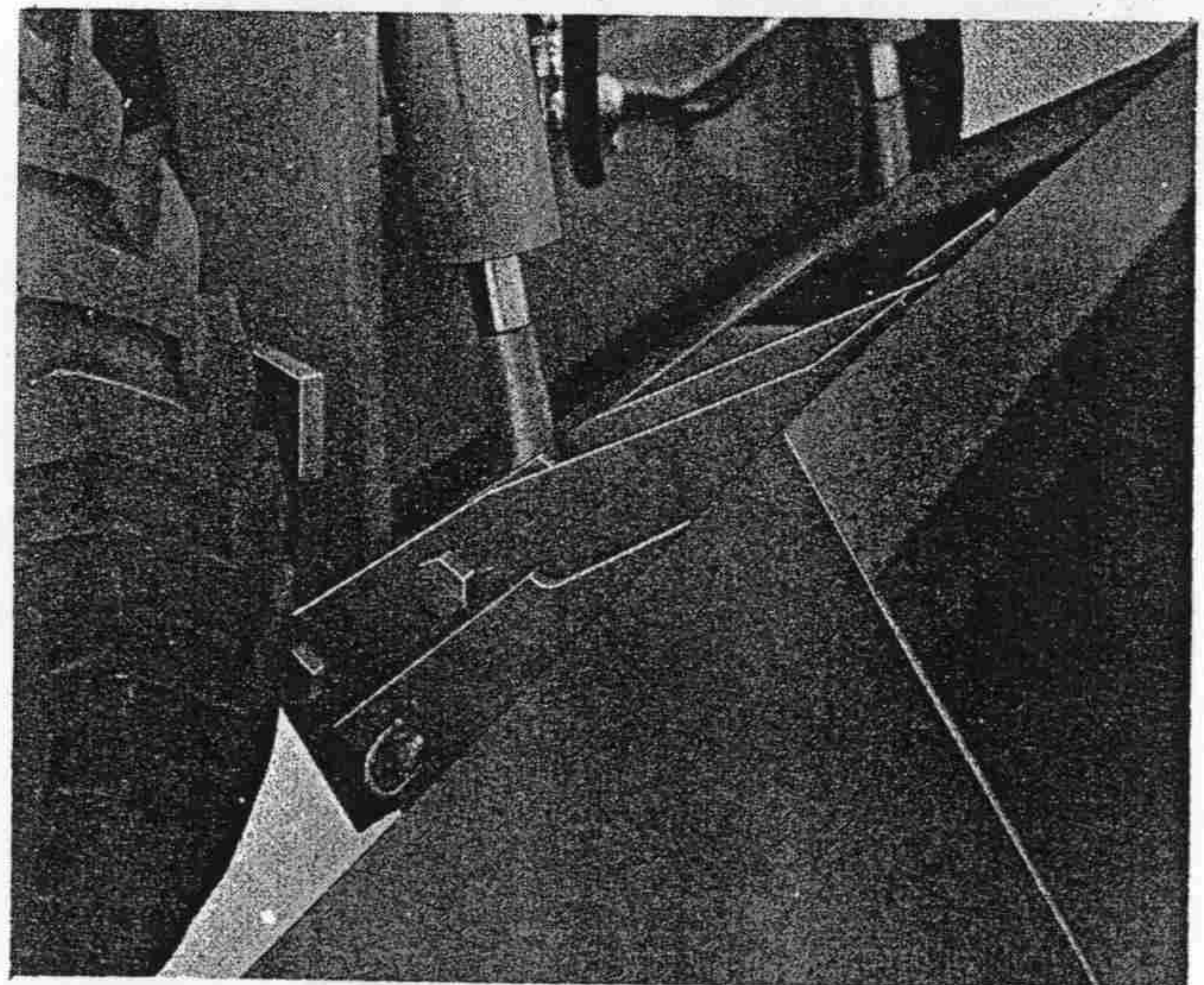
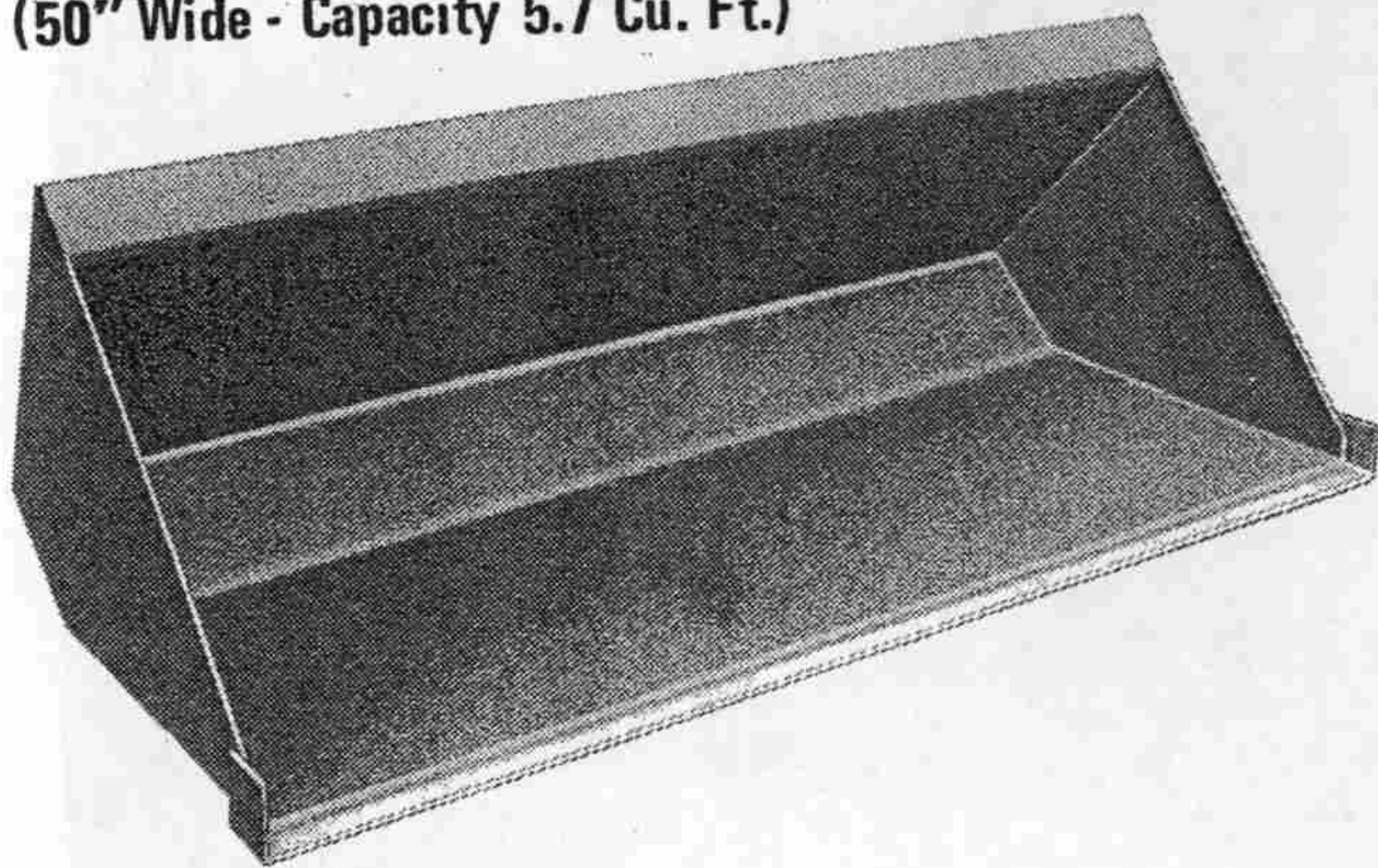


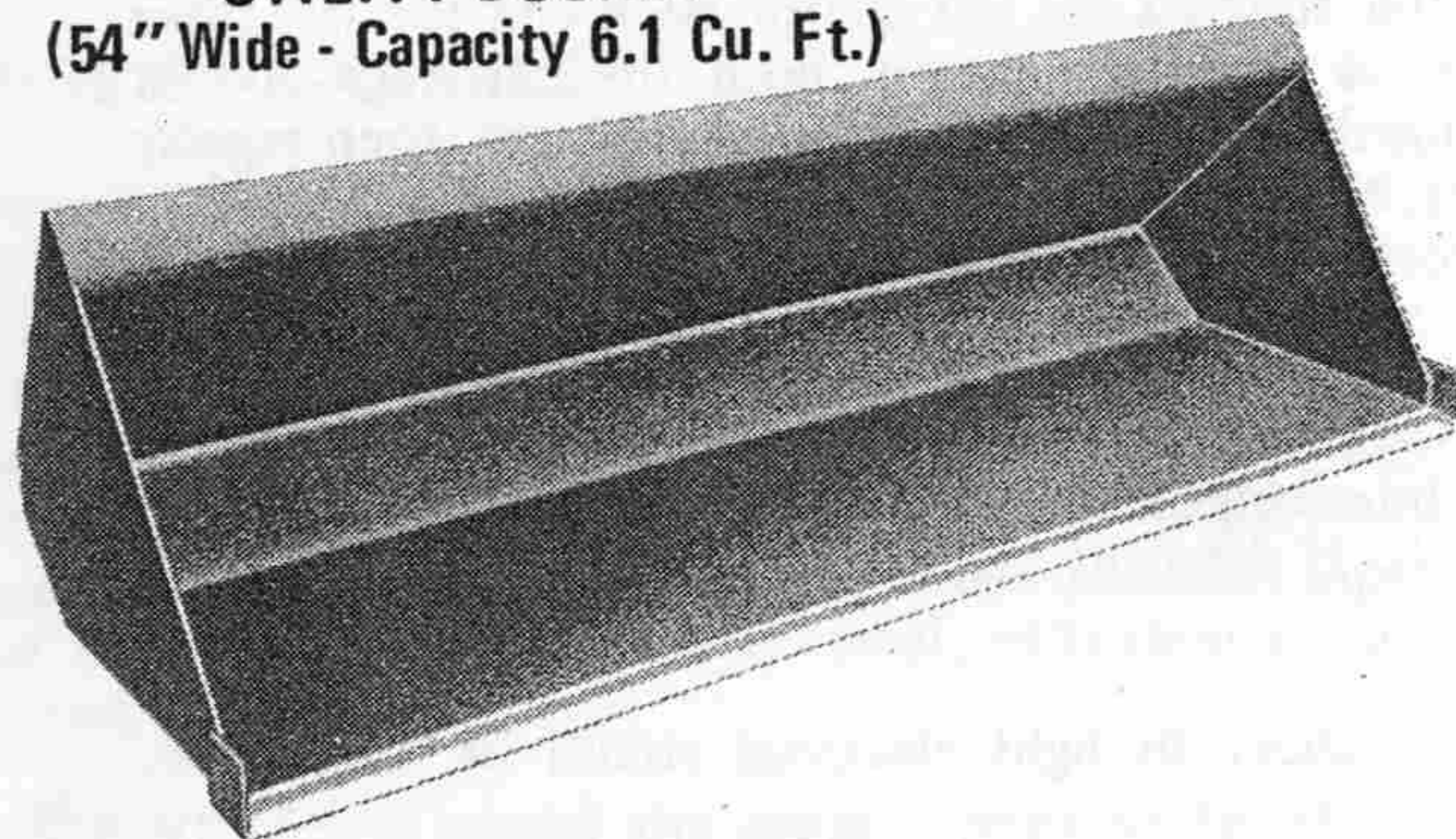
Fig. 49

OPTIONAL ATTACHMENTS

UTILITY BUCKET
(50" Wide - Capacity 5.7 Cu. Ft.)



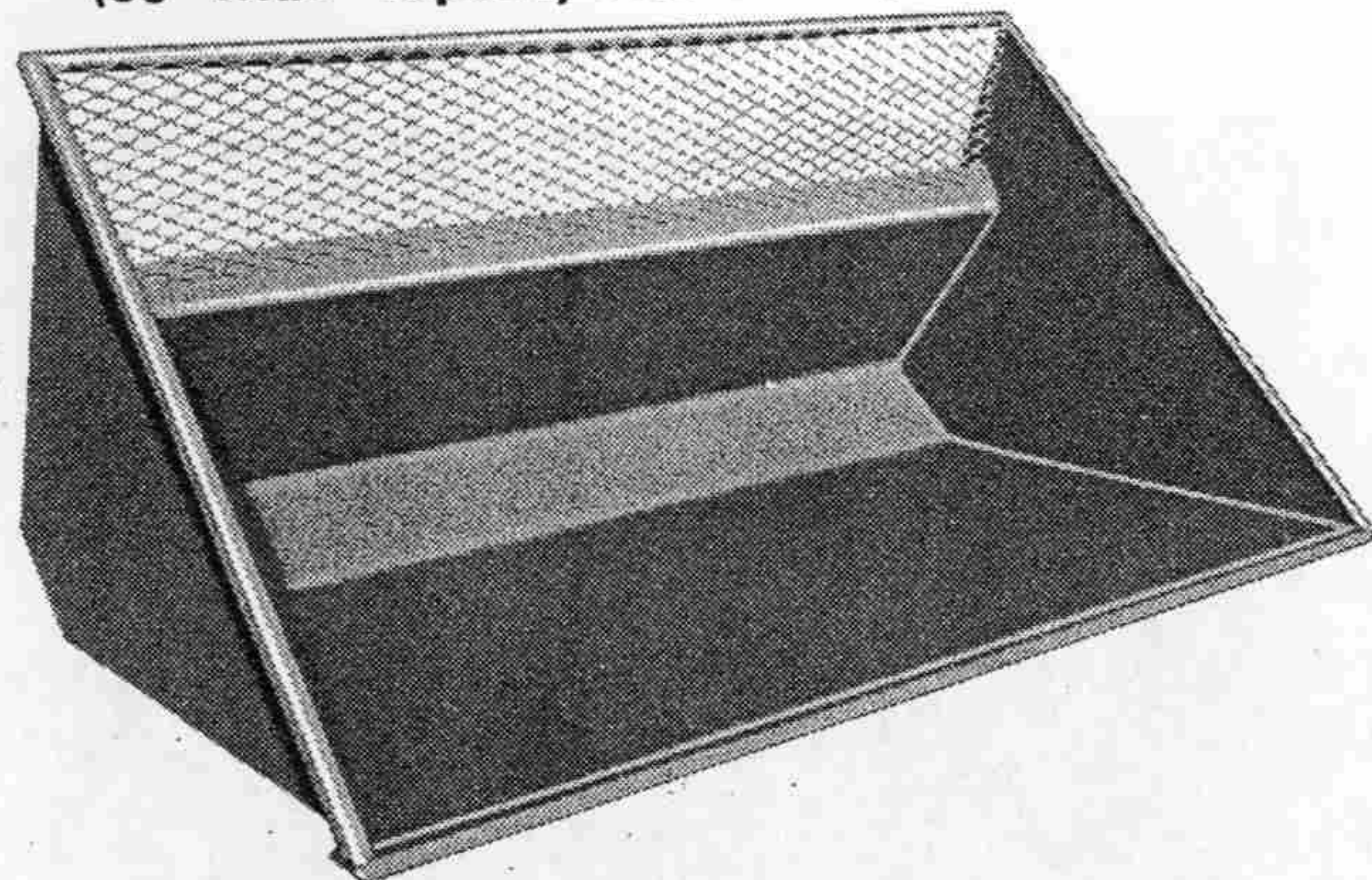
UTILITY BUCKET
(54" Wide - Capacity 6.1 Cu. Ft.)



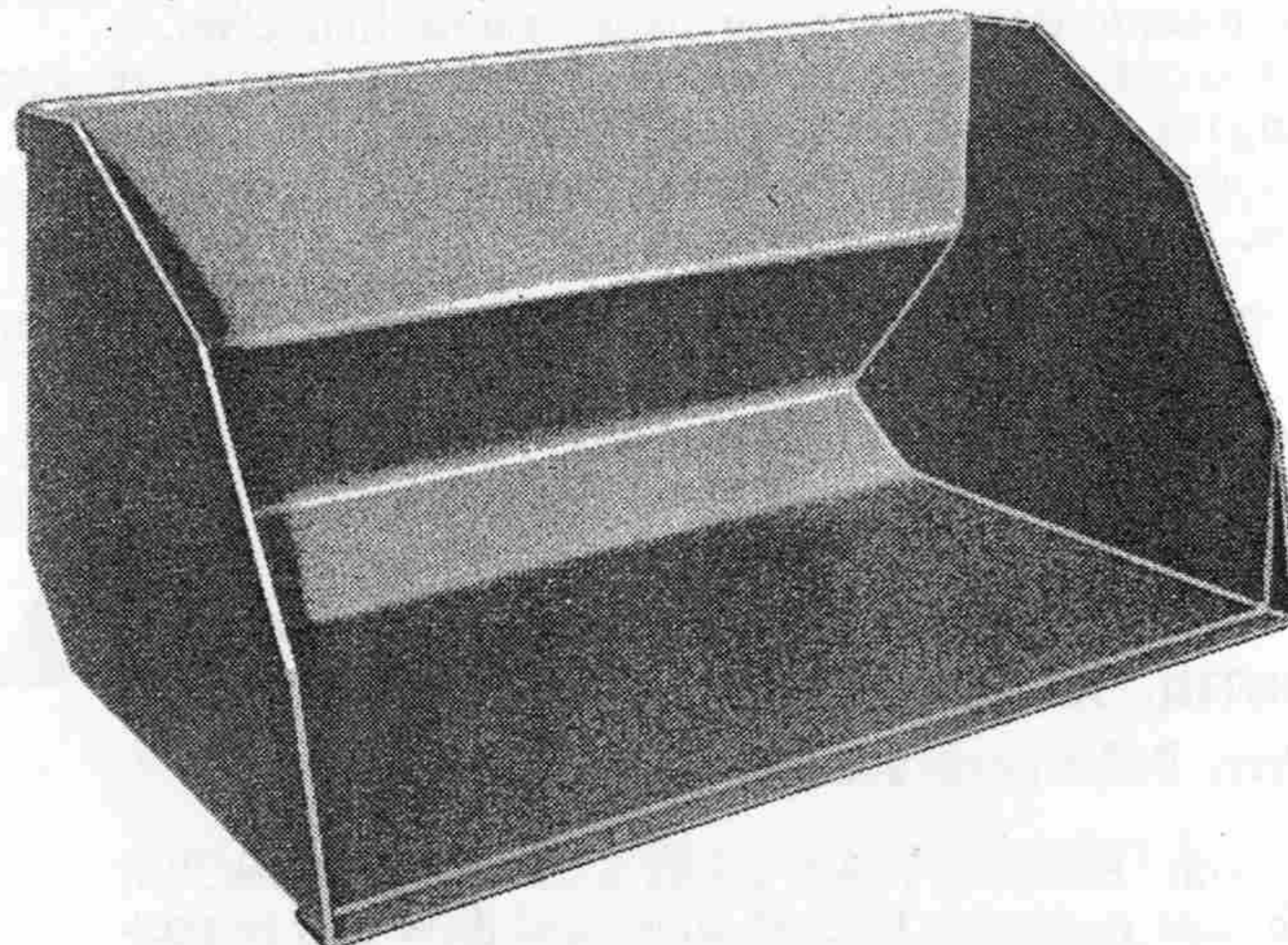
DRAWBAR



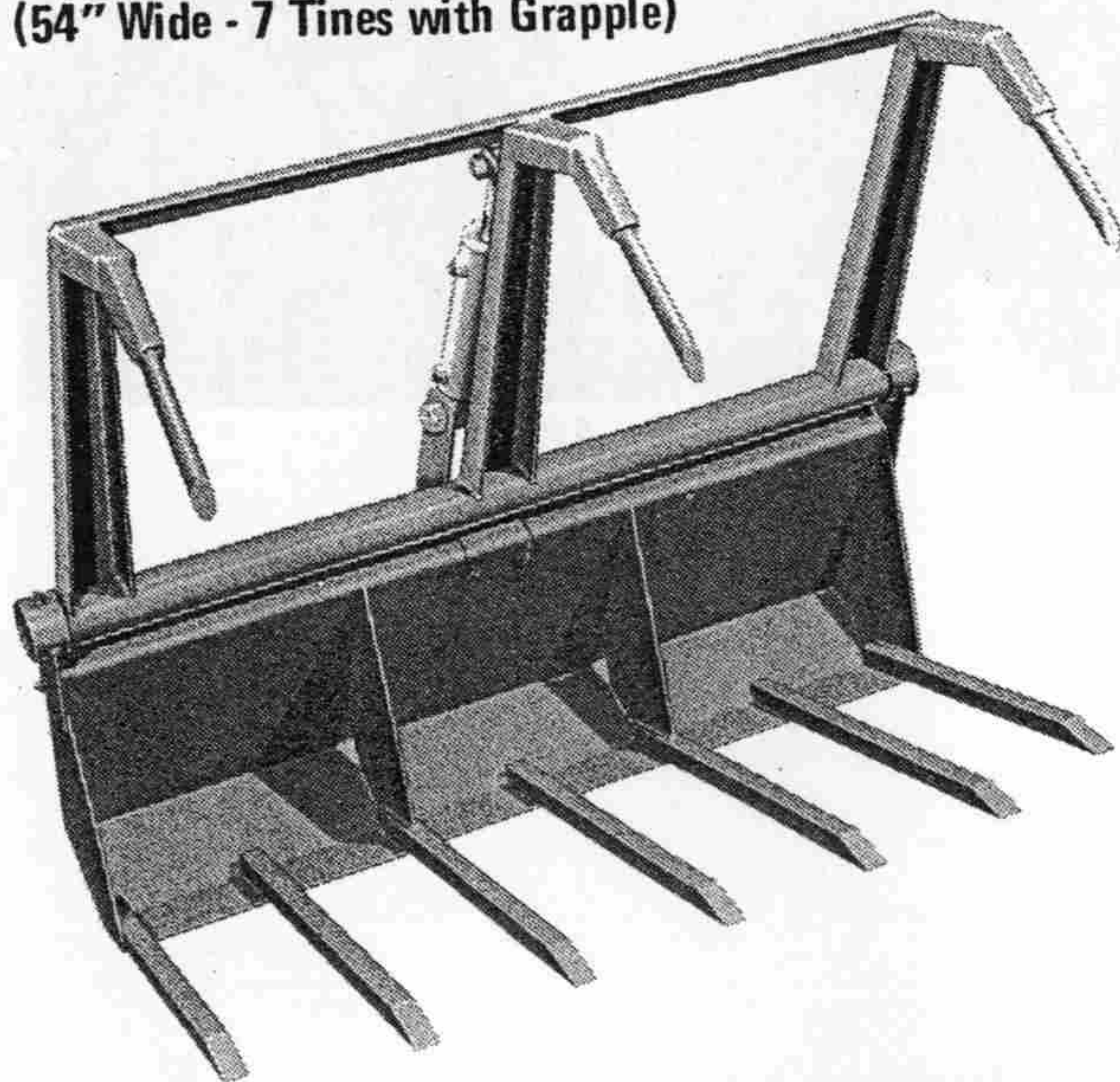
PRODUCE BUCKET
(60" Wide - Capacity 11.0 Cu. Ft.)



FERTILIZER BUCKET
(54" Wide - Capacity 12.0 Cu. Ft.)



MANURE FORK
(54" Wide - 7 Tines with Grapple)



AVAILABLE BUT NOT SHOWN

LIGHT MATERIAL BUCKET
72" Wide - Capacity 15.0 Cu. Ft.

PALLET FORKS
30" Long

LIGHT KIT

FRONT HYDRAULIC KIT

DIRT AND ROCK TEETH
Set of Six

POST HOLE AUGER

Please contact C. C. Kelley and Son for their Model no. 460 Hydraulic Digger that will handle up to an 18" Auger.

ADDRESS:

C. C. Kelley and Son
61509 Bremen Highway
Mishawaka, Indiana 46544

PHONE:

219 - 255 - 4746

TROUBLE SHOOTING

HYDROSTATIC DRIVE SYSTEM

	CAUSE	REMEDY
System will not operate in either direction.	1. System low on oil. 2. Oil cold. 3. Drive belt loose. 4. Restricted Filter. 5. Hydrostats drive disconnected. 6. By-pass valves actuated or faulty. 7. Charge pumps not functioning properly. 8. Faulty control linkage. 9. Relief valves malfunctioning.	Fill reservoir to full mark. Check for leaks. Allow engine to operate at 1/2 throttle or operate for 10 minutes at no load. Bucket tilt control to force oil over relief for several minutes. Tighten per service instructions. Change filter element. Check roll pins and flexible disc between sheave and each hydrostatic pump. Check position of towing clip. Valve stuck with button in or damaged valve. Replace or shim charge relief valve. Replace roll pin in charge pump gerotor. Damaged gerotors. Check linkage and roll pin connection to pump control shafts. Check pressure with gauge.
System operates on one side only.	1. Chain drive disconnected. 2. Control linkage disconnected. 3. Restricted filter or line. 4. Relief valve faulty. 5. Hydrostat drive disconnected. 6. Charge pump not functioning properly.	Check chain and sprockets. Check ball joints and roll pin connection to pump control shaft. Replace filter element. Check pressure under load. Check flex disc connection. Check roll pin connection to pump drive shaft. Check spline on drive shaft. Replace or shim charge relief valve. Replace roll pin in charge pump gerotor. Check for damaged gerotors.
Loss of torque to wheels.	1. Loss of charge oil to hydrostats. 2. Relief valves malfunctioning.	Replace filter cartridge. Oil too heavy. Relief worn or setting low.

HYDROSTATIC DRIVE SYSTEM (Con't.)

	CAUSE	REMEDY
Loss of torque to wheels (con't.)	3. Hydrostat check valves. 4. Engine drive belt slipping. 5. Faulty charge relief valve. 6. Internal damage to hydrostat. 7. Engine lugs down too quickly.	Replace. Adjust tension. Inspect for damage. Reshim or replace. Excessive leakage in pump or motor. Check ignition, carburetor and air cleaner.
System is overheating.	1. Reservoir oil level low. 2. Oil cooler plugged or air restricted to cooler. 3. Traction system operating too continuous over relief. 4. Lift arm system operation too continuous over relief. 5. Operating in high temperature area with no air circulation. 6. Excessive dirt on cooling fins of hydrostat. 7. Faulty towing valves.	Check. Clean or improve circulation. Improve efficiency in operation. Improve efficiency in operation. Reduce duty cycle. Clean. Inspect seats or replace.
Neutral is difficult to maintain.	1. Ball joints loose at T-Bar or pump control arm. 2. Pump control arm rubber isolators worn. 3. Friction bars do not hold T-Bar. 4. Detent in friction bar is worn.	Tighten or replace. Replace. Tighten nuts. Replace right friction bar.

LIFT ARM HYDRAULIC SYSTEM

	CAUSE	REMEDY
System fails to respond.	1. Reservoir low on oil. 2. Damaged gear pump. 3. Gear pump drive belt loose. 4. Control linkage disconnected. 5. System relief valve faulty. 6. Suction line restricted or leaking.	Fill to full mark. Inspect and repair. Adjust. Repair and adjust. Test and repair. Inspect and repair.
Hydraulic cylinder acting slow or sluggish.	1. Oil too heavy. 2. Oil leaking past cylinder piston seal. 3. Valve spool not completely open. 4. Relief valve sticks open. 5. Worn pump. 6. Valve spool seals leaking. 7. Sticky valve spool.	Allow to warm up or use proper oil. Replace seals. Adjust linkage to T-Bar for 1/4" spool travel. Clean and inspect. Check pressure and flow-repair. Inspect and repair. Anchor bolts too tight. Fittings over-tightened.
Cylinders drift with T-Bar in neutral.	1. Leakage past seals on piston heads. 2. Spool not centered in valve. 3. Oil leaking past spool.	Replace seals. Adjust linkage or install new centering spring in valve. Replace Valve.

POWER UNIT

(Only basic items are covered in this section. For more detailed information, refer to Engine Owners Manual.)

	CAUSE	REMEDY
Engine will not turn over.	1. Battery connections are loose or corroded. 2. Battery is discharged or defective. 3. Wires leading to and from the ignition switch, regulator, solenoid and starting motor are loose or disconnected. 4. Ignition switch, regulator, solenoid and starting motor are defective.	Clean the battery terminals and replace the cables and tighten securely. Recharge or replace battery. Check all terminals and wires for loose connections. Check each component and replace or repair as necessary.
Engine turns over but will not start.	1. No fuel in tank. 2. Battery is weak. 3. Fuel is not reaching carburetor. 4. Fuel strainer is clogged.	Check fuel level and fill if necessary. Check battery. Replace or recharge. Remove, clean and inspect fuel line into filter. Replace.
Engine overheats.	1. Crankcase oil supply is over full or low. 2. Engine is overloaded. 3. Engine cooling fins are dirty. 4. Air circulation is restricted. 5. Shrouding on engine is removed. 6. Dirty or improper grade of engine oil. 7. Exhaust is restricted. 8. Ignition timing is incorrect.	Add or remove oil. Operate at 3/4 to full throttle. Back flush with compressed air to clean. Remove restriction. Replace shrouding. Change to proper grade engine oil. Remove restriction. Re-Time engine.

MAINTENANCE SCHEDULE

COMPONENT	SERVICE REQUIRED										CAPACITY OR MEASUREMENT	REF.
Service After 10 Hours Use												
Engine Crankcase											Check oil level	Eng. Manual
Hydraulic Cylinder Pivots											Grease	Page 28
Hydraulic Reservoir											Check oil level	Page 29
T-Bar Locks											Check if locks actuate when leaving seat	Page 18
Date After Each 50 Hours Service (5 Servicing)												
Service After 50 Hours Use												
Tires											Check pressure	42PSI - 5:70 tire - 35PSI - 27 x 8:50 tire Page 15
Battery											Check electrolyte level	Fill to neck - clean terminals Page 36
Wheel Bolts											Retorque	90 - 110 ft. lbs. Page 23
Engine Oil - 1st 50 Hours Only											Drain Sump	4 quarts with filter Eng. Manual
Lift Arm Ball Pivots											Lubricate with light oil	Page 28
Engine Cooling Fins											Back flush with compressed air	Eng. Manual
Oil Cooler											Back flush with compressed air	Page 28
T-Bar Pivots											Lubricate with light oil	Page 28
Hydrostatic Control Ball Joints											Check for wear and loose lock nuts - retorquer	Page 22
System Valve Ball Joints											Check for wear and loose lock nuts - retorquer	Page 22
Drive Belts											Check tension	Page 22
Hoses and Fittings											Check for leaks	
Date After Each 50 Hours Service												

MAINTENANCE SCHEDULE (Con't.)

COMPONENT	SERVICE REQUIRED	CAPACITY OR MEASUREMENT	REF.
Service After 100 Hours Use			
Engine Oil	Drain - Replace	4 quarts with filter	Eng. Manual
Air Cleaner	Clean element or replace		Page 24
Fuel Pump Strainer	Remove and clean		
Drive Chains	Clean, adjust and oil		Page 21
Ignition Points	Check condition and gap	.020 gap	Eng. Manual
Spark Plugs	Clean and gap	.025 inch gap	Eng. Manual
Hydrostatic Filters	Replace	25 micron	Page 26
Engine Oil Filter	Replace		Eng. Manual
Date After Each 100 Hours Service			
Service After 200 Hours Use			
Wheel Bearings and Drive Sprocket	Check for end play	Readjust with shims.	Page 21
Idle Sprockets	Check condition and lock collar		Page 22
Transmission Drive Sprocket	Check condition and end play		Page 22
Chain Take-Up Sprocket	Check condition and end play		Page 21
Seat Belt	Check condition of belt		Page 16
Date After Each 200 Hours Service			

MAINTENANCE SCHEDULE (Con't.)

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GEHL®

is for farming

GEHL COMPANY WEST BEND, WISCONSIN 53095 U.S.A.

Printed in U.S.A.

HL 2600 LOADER



SERVICE PARTS MANUAL

Form No.
903010
Replaces
901990

GEHL[®] COMPANY

Mr. Dealer:

When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number.

The model number and serial number should always be given. Numbers for this unit are stamped on a plate located on the right side of the Cross Brace.

"Right" and "Left" are determined from a position sitting on the Seat and looking forward. From this position, the Ignition starter Switch is on the right. "Front" is the leading side and "Rear" is the trailing side when the unit is traveling forward.

GEHL Company reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any unit previously delivered.

NOTE: On original Tire replacement, Company policy prohibits the sale of replacement tires for all original GEHL machinery. Replacement Wheel Sets are available and tire size information is called-out with the Wheel Sets to facilitate replacement tire selection. **ALL REPLACEMENT TIRES MUST BE PURCHASED LOCALLY.**

NOTE: Common hardware, such as nuts, cap screws, etc. are listed in the parts list but **NOT** illustrated. Hardware listed, is for mounting purposes and **NOT** included when the part is ordered for replacement. For the part numbers of common hardware, refer to the attaching hardware table located inside the back cover.

Standard hardware torques appear in a chart at the end of the manual.

Unless otherwise specified, all Cap Screws or Bolts are Grade 5, cadmium or zinc plated; Hexagon Nuts for Grade 5 Cap Screws or Bolts are Grade B; Hexagon Nuts for other Cap Screws or Bolts are Grade A.

The following abbreviations are used in this manual:

CB	- Carriage Bolt
HHCS	- Hexagon Head Cap Screw
SHCS	- Socket Head Cap Screw
SHSS	- Socket Head Set Screw
SQHSS	- Square Head Set Screw
STHMS	- Slotted Truss Head Machine Screw
HWHSTS	- Hexagon Washer Head Self-threading Screw
FHSCS	- Flat Head Socket Cap Screw
HSFHCS	- Hexagon Socket Flat Head Cap Screw
STS	- Self-threading Screw
HN	- Hexagon Nut
HJN	- Hexagon Jam Nut
HLN	- Hexagon Lock Nut
SN	- Slotted Nut
WN	- Wing Nut
PW	- Plain Washer
LW	- Lock Washer
HLW	- Hexagon Lock Washer
HSP	- Hexagon Socket Pipe Plug
SQHPP	- Square Head Pipe Plug
L.H.	- Left-Hand
R.H.	- Right-Hand
NF	- National Fine (Thread)
SF	- Self-Fastening
Sq	- Square
T	- Tooth

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DECAL LOCATIONS

Decal Locations are shown to assist in application of new decals in the event of damage to the Decal or refinishing of the machine. Check listing for information and the illustrations for their location.

Surfaces **MUST** be free from dirt, dust, grease and other foreign material before applying the new Decal. To apply, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Peel the other portion of the backing paper off slowly while applying hand pressure to smooth out Decal surface.

NOTE: Discard Decals NOT required for this machine. Always order Decals by set number. DO NOT order Decals separately.



WARNING: Always Observe Safety Rules Shown on Decals. If Decals become damaged, or if unit is repainted, replace Decals.

The Decal Set Number for HL2600 is 061475. The set includes the following Decals:

- | | |
|-------------|---------------------------------|
| 1 - 060144 | Warning |
| 2 - 063435 | Console Decal |
| 3 - 061328 | Warning |
| 4 - 061201 | Gehl (Three Places) |
| 5 - 061698 | 2600 (Two Places) |
| 6 - 054952 | Gasoline |
| 7 - 061310 | Fasten Seat Belt |
| 8 - 061268 | Warning (Power Line) |
| 9 - 063075 | Instructions |
| 10 - 061311 | Carry Load Low |
| 11 - 054953 | Hydraulic Oil |
| 12 - 061312 | Warning - Lift Arm Lock |
| 13 - 063074 | Densities |
| 14 - 061313 | Warning - Safety |
| 15 - 061327 | Turtle - Rabbit (Fast - Slow) |
| 16 - 061187 | Grease (Two Places) - Not Shown |
| 17 - 055634 | Engine Oil - Not Shown |

NOTICE

Order paint for refinishing machines from this list:

- | | |
|--------|-----------------------------------|
| 901225 | One Gallon Blaze Paint |
| 901226 | One Gallon Maize Paint |
| 610239 | 6 (12 oz.) Cans Blaze Spray Paint |
| 610240 | 6 (12 oz.) Cans Maize Spray Paint |

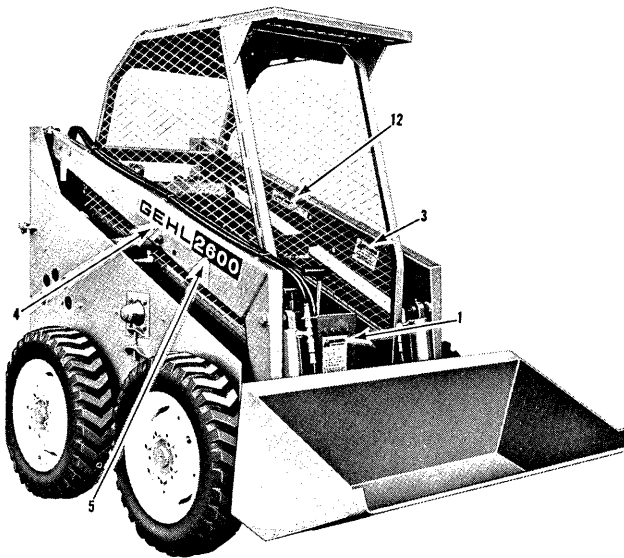


Fig. 1

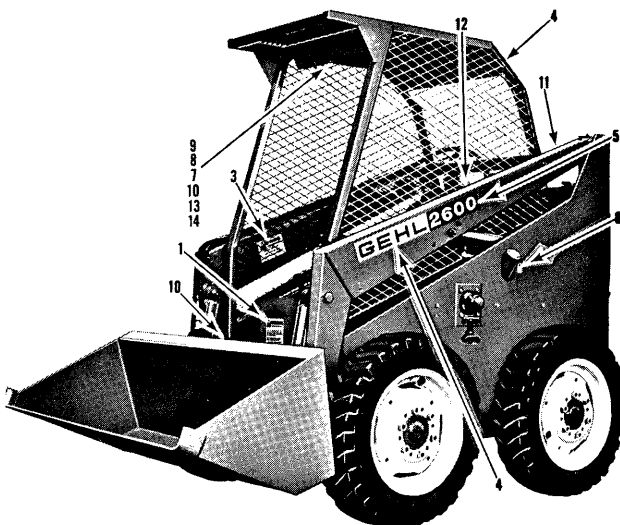
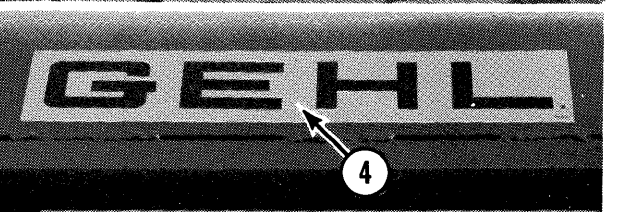
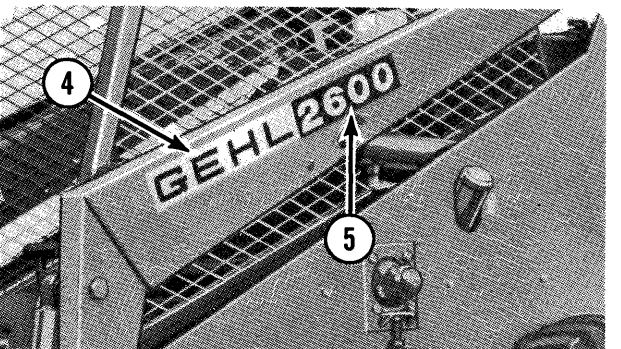
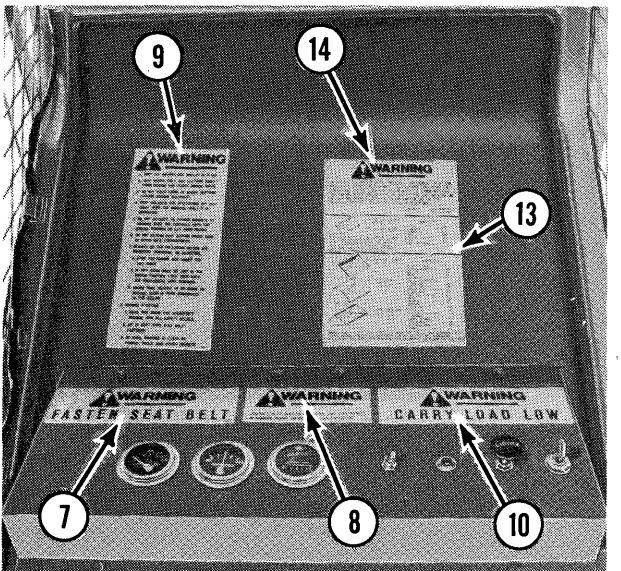
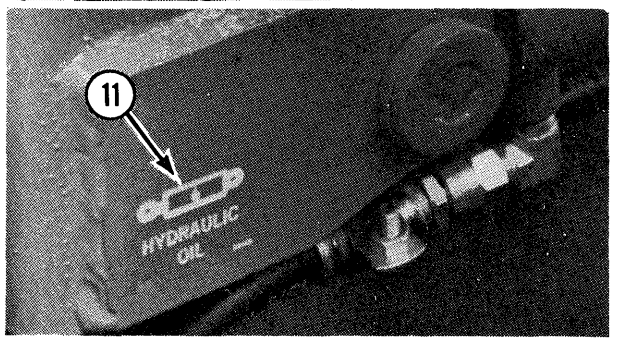
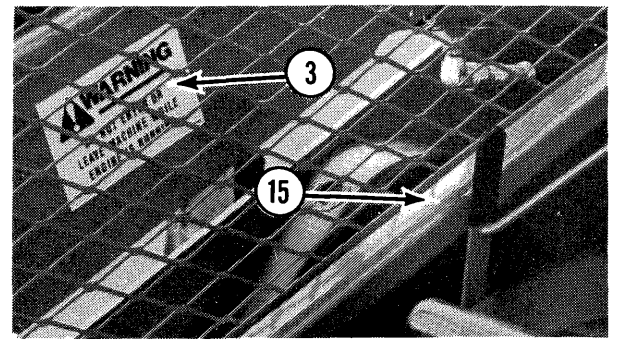
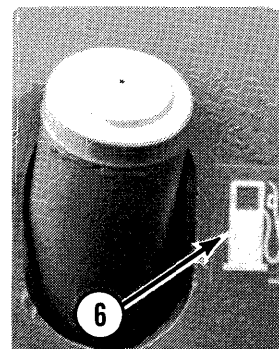
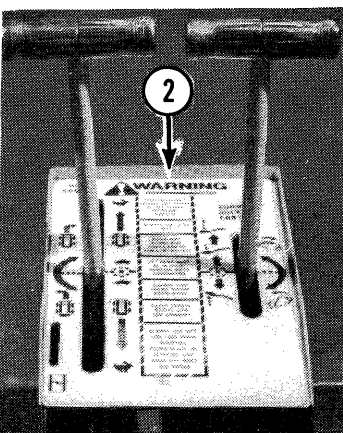
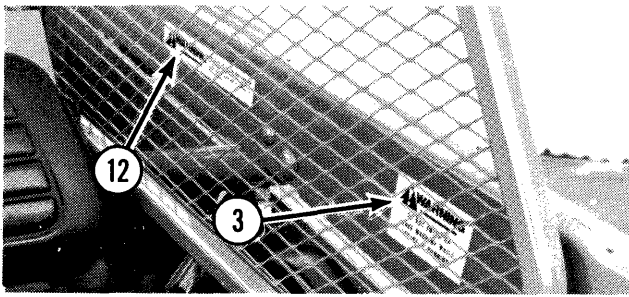
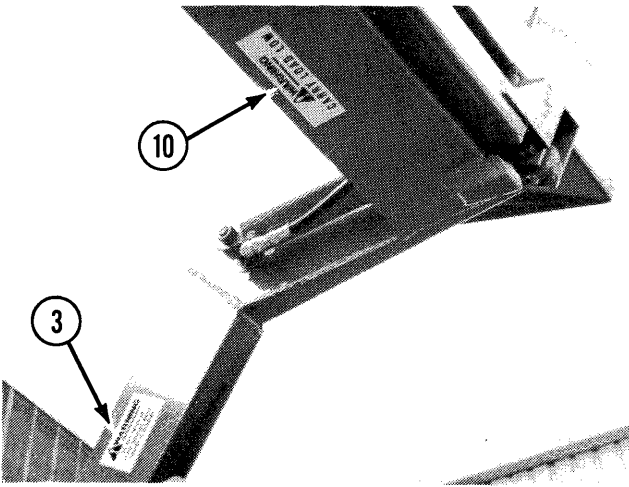


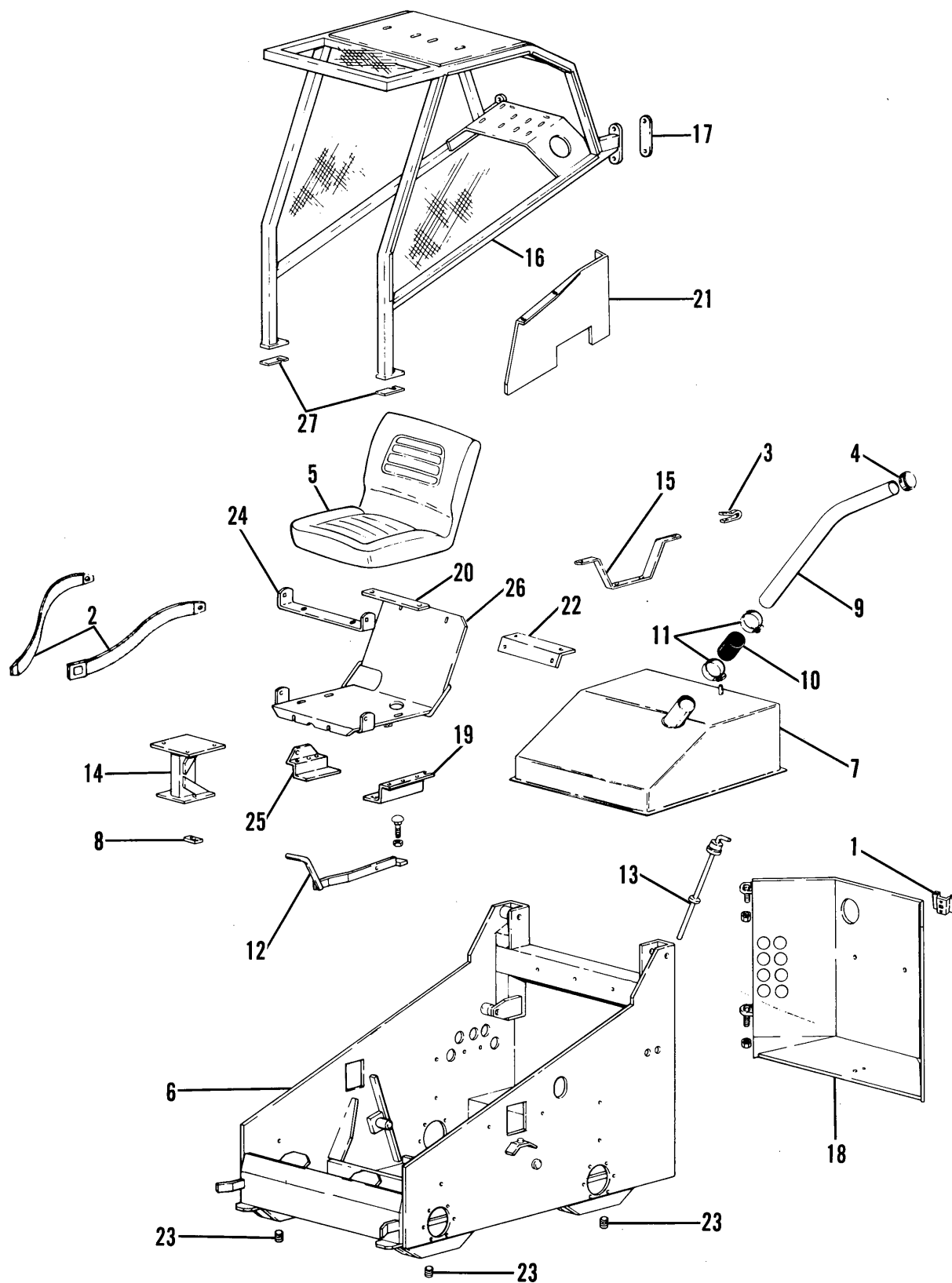
Fig. 2



Fig. 3



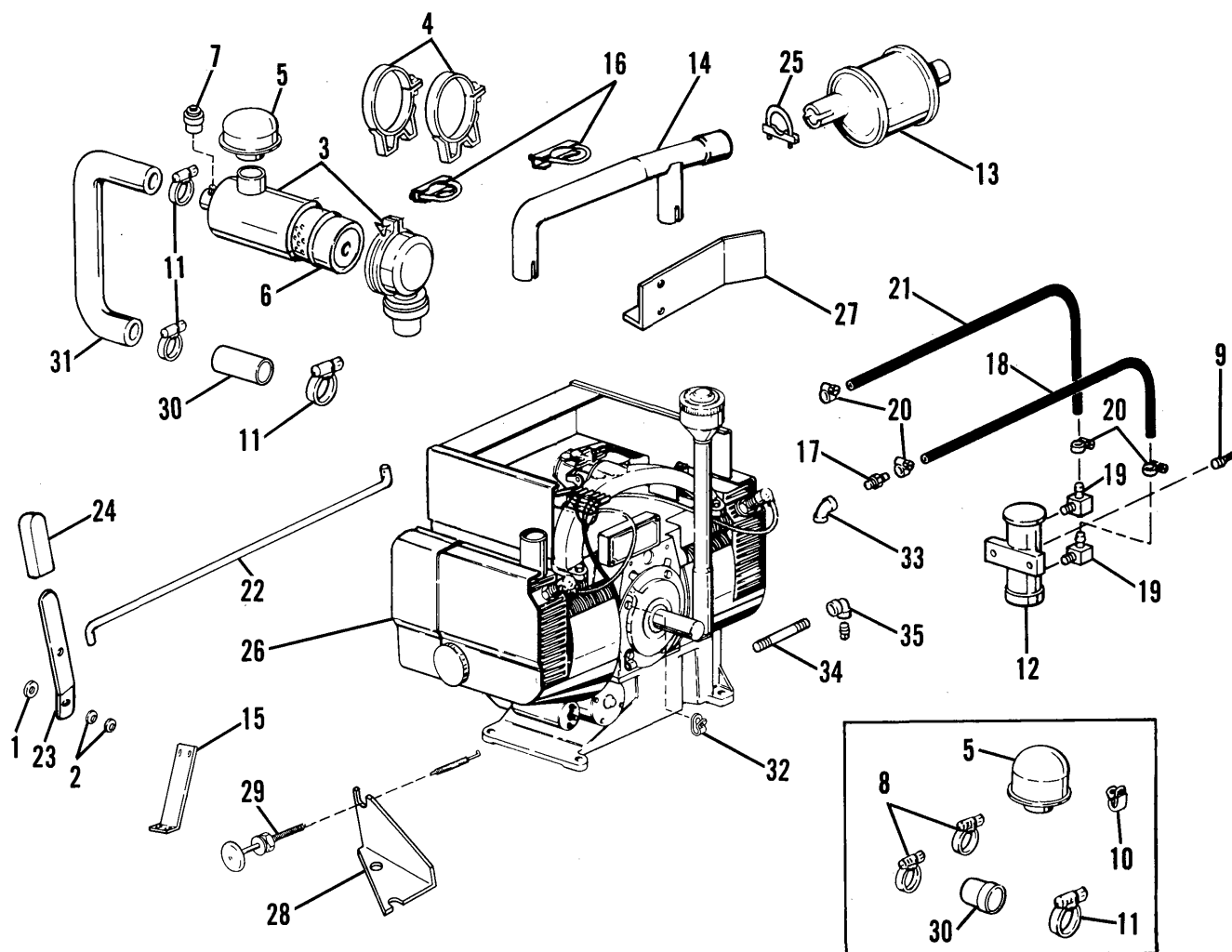
HL2600 - MAIN FRAME



HL2600 - MAIN FRAME

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	047269	Warning Bracket	1	650569	HHCS 1/2 x 1-3/4	2	
	650949	STHMS 5/16 x 3/4.....	2		(4) 5/16 HLN - (6) PW - (2) LW		
	(2) 5/16 HLN				(6) 1/2 HLN - (2) PW		
2	054940	Seat Belt	1	17	062205	Guard Clamp	2
3	056773	Hose Clamp	1		650497	HHCS 1/2 x 5-1/2	4
		(Used after Serial #600)			(4) 1/2 HLN		
4	061520	Gas Cap	1	18	062220	Counterweight	1
5	061859	Seat	1		650569	HHCS 1/2 x 1-3/4	2
	650486	HHCS 5/16 x 3/4	2		(2) 1/2 HN - (4) PW - (2) LW		
	(2) 5/16 LW			19	062256	Seat Mounting Bracket - Left	1
6	061958	Main Frame	1	20	063436	Seat Reinforcement - Rear	1
	650253	SQHSS 1/2 x 4-1/2	3		650486	HHCS 5/16 x 3/4	2
	650874	SQHSS 1/2 x 4	2		(2) 5/16 LW		
	660080	HSPP 3/4.....	1	21	063439	Heat Shield.....	1
	065906	HSPP 3/4.....	4		650486	HHCS 5/16 x 3/4	2
	(3) 1/2 HJN				650618	Self-Taping 5/16 x 5/8	1
	650935	SQHPP 1"	1		(3) 5/16 PW - (3) LW		
7	062006	Fuel Tank	1	22	063453	Seat Back Support	1
8	062012	Hold Down	3		650486	HHCS 5/16 x 3/4	4
	650491	HHCS 3/8 x 1-1/4	3		(4) 5/16 PW - (4) LW		
	(3) 3/8 PW - (3) LW			23	065906	Hexagon Socket Pipe Plug - 3/4... 4	
9	062013	Filler Pipe.....	1	24	067793	Seat Hinge	1
10	062016	Filler Pipe Hose.....	1			(Used after Serial #1188)	
11	062017	Hose Clamp	2		650704	CB 3/8 x 1	2
12	062111	Lock Release	1		(2) 3/8 HLN - (2) PW		
	650545	HHCS 5/16 x 1-1/4	1		063431	Seat Hinge	1
	650774	CB 1/2 x 2	1		(Used before Serial #1189)		
	(1) 5/16 HLN			25	068635	Seat Mounting Bracket - Right 1	
	(1) 1/2 HJN				(Used after Serial #1188)		
13	062118	Oil Breather/ Dipstick	1		062027	Bracket - Right	1
14	062130	Control Valve Mount	1		(Used before Serial #1189)		
	650490	HHCS 3/8 x 1	3	26	068637	Seat Mounting Bracket.....	1
	(3) 3/8 LW				(Used after Serial #1188)		
15	062136	Oil Cooler Bracket	1		650486	HHCS 5/16 x 3/4	6
	650487	HHCS 5/16 x 1	2		(4) 5/16 HLN - (10) PW - (2) LW		
	(2) 5/16 HLN				062209	Seat Mounting Bracket.....	1
16	062194	Overhead Guard	1		(Used before Serial #1189)		
	650315	HWHSTS 1/4 x 1/2.....	2	27	071270	Shim	As Req.
	650486	HHCS 5/16 x 3/4	6		(Used after Serial #1888)		
	650497	HHCS 1/2 x 5-1/2	4				

HL2600 - ENGINE



Ref. No.	Part No.	Part Name	No. Req.
1	054886	Friction Washer	1
2	054959	Belleville Washer	2
3	055014	Air Cleaner	1
		(Used after Serial #1188)	
	061697	Air Cleaner	1
		(Used before Serial #1189)	
4	055015	Mounting Band	2
		(Used after Serial #1188)	
	061695	Mounting Band	2
		(Used before Serial #1189)	
5	055016	Air Stack Cap	1
		(Used after Serial #1188)	
	061696	Air Stack Cap	1
		(Used before Serial #1189)	

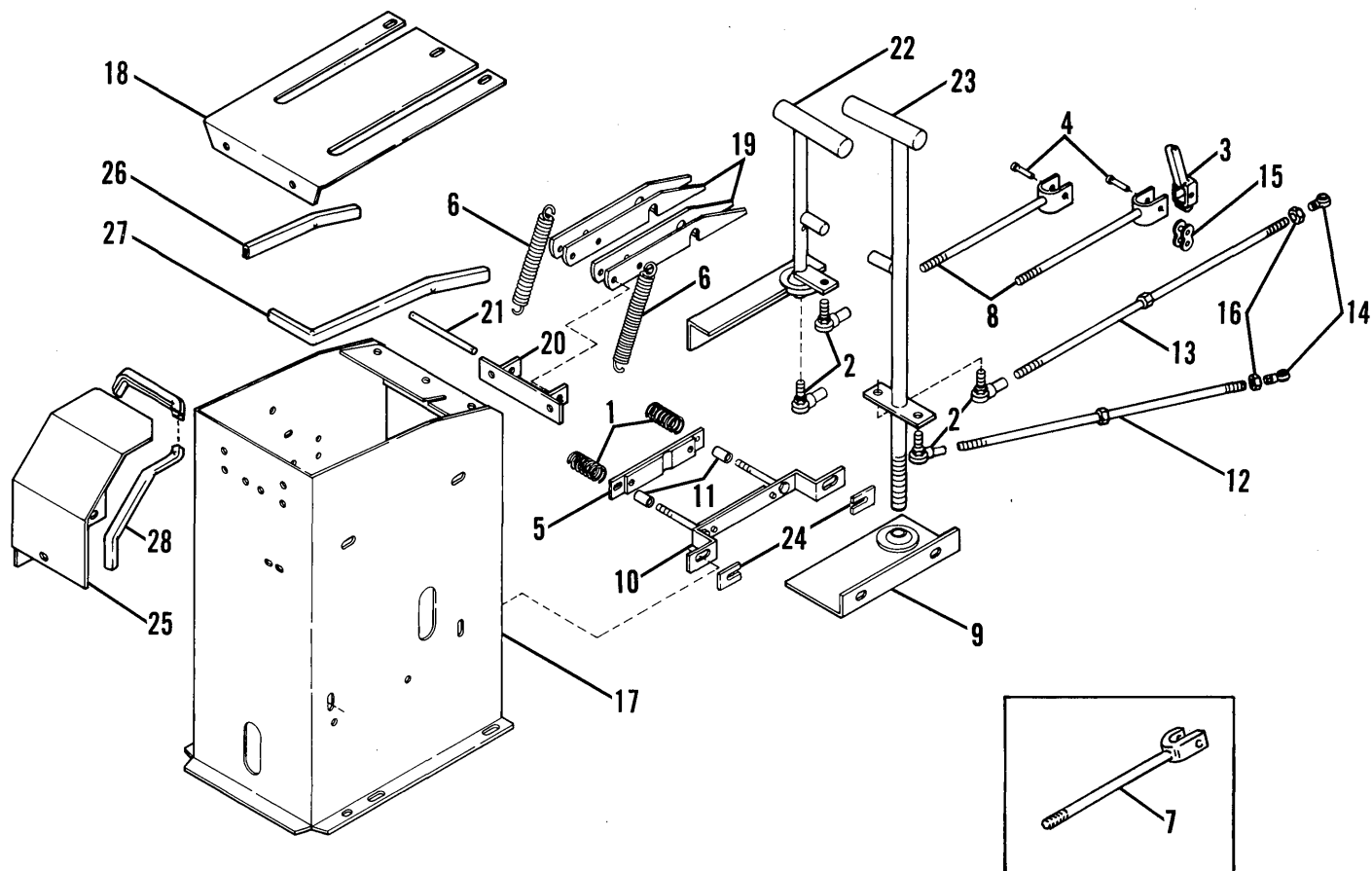
Ref. No.	Part No.	Part Name	No. Req.
6	055017	Air Cleaner Element	1
		(Used after Serial #1188)	
	063733	Air Cleaner Element	1
		(Used before Serial #1189)	
7	055018	Restriction Indicator	1
		(Used after Serial #1188)	
8	055030	Hose Clamp	2
		(Used before Serial #1189)	
9	055927	Male Bullet Terminal	1
10	057029	Clamp	1
		(Used before Serial #1189)	
11	061166	Hose Clamp	3
		(One req'd. before Serial #1189)	

Continued ►

HL2600 - ENGINE

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
12	061512	Electric Fuel Pump	1	27	065831	Heat Shield.....	1
	650542	HHCS 1/4 x 1/2	2	28	067229	Choke Bracket	1
	(2) 1/4 PW - (2) LW					(Used after Serial #1188)	
13	061522	Muffler	1	29	067230	Choke Cable.....	1
14	061851	Exhaust Pipe	1			(Used after Serial #1189)	
15	062018	Motor Mount Support	1		065673c	Choke Cable.....	1
	650491	HHCS 3/8 x 1-1/4	4			(Used before Serial #1189)	
	(2) 3/8 HLN - (6) PW - (2) LW			30	068182	Hose Adapter.....	1
16	062019	U-Clamp	3			(Used after Serial #1188)	
17	062020	Barb Fitting -			065832	Hose Adapter.....	1
	1/4 NPT to 1/4 I.D. Hose	1				(Used before Serial #1189)	
18	062021	Tank to Fuel Pump Hose -		31	068183	Air Cleaner Hose.....	1
	1/4 x 24.....	1				(Used after Serial #1188)	
19	062022	90° Barb Fitting -			062276	Air Cleaner Hose.....	1
	1/8 NPT to 1/4 I.D. Hose	2				(Used before Serial #1189)	
20	062023	Hose Clamp	4	32	068256	Clamp	2
21	062024	Fuel Pump to Carburetor Hose -				(Used after Serial #1188)	
	1/4 x 30"	1		33	660009	90° Elbow 1/2 NPT	1
22	062025	Throttle Control Rod	1	34	660036	Pipe Nipple - 1/2 x 4"	1
	650551	Cotter Pin 3/32 x 3/4	2	35	660089	90° Elbow 1/4 NPT	1
	(2) 1/4 PW			A For Replacement, order part #073015.			
23	062026	Throttle Lever	1	B For Replacement, order part #073014.			
	650835	HHCS 1/4 x 1	1	C For Replacement, order part #067230 and #067229.			
	(2) 1/4 HLN						
24	062282	Vinyl Grip.....	1				
25	064266	Muffler Clamp	2				
26	065653A	Onan Engine	1				
		(Used after Serial #0599)					
	650791	CB 1/2 x 1-3/4.....	2				
	-(2) 1/2 HN - (2) LW						
	061513B	Onan Engine	1				
		(Used before Serial #0600)					

HL2600 - CONSOLE & CONTROLS



Ref. No.	Part No.	Part Name	No. Req.
1	A162	Friction Spring	2
2	054202	Ball Joint-3/8NF-R.H. Thread	4
		(4) 3/8NF HLN - (4) NF HN	
3	054841	Valve Lever	1
		(Two req'd. before Serial #1189)	
4	054842	Clevis Pin	2
	650590	Cotter Pin 1/16 x 1/2	2
5	054901	Friction Bar - Right	1
		(2) 5/16 HLN - (2) PW	
6	061112	Extension Spring	2
7	062091	Lift Control Rod	1
		(Used before Serial #1189)	
8	062093	Tilt Control Rod	2
		(One req'd. before Serial #1189)	
9	062098	Pivot Ball Plate - Left	1
	650486	HHCS 5/16 x 3/4	2
		(2) 5/16 PW - (2) HLN	

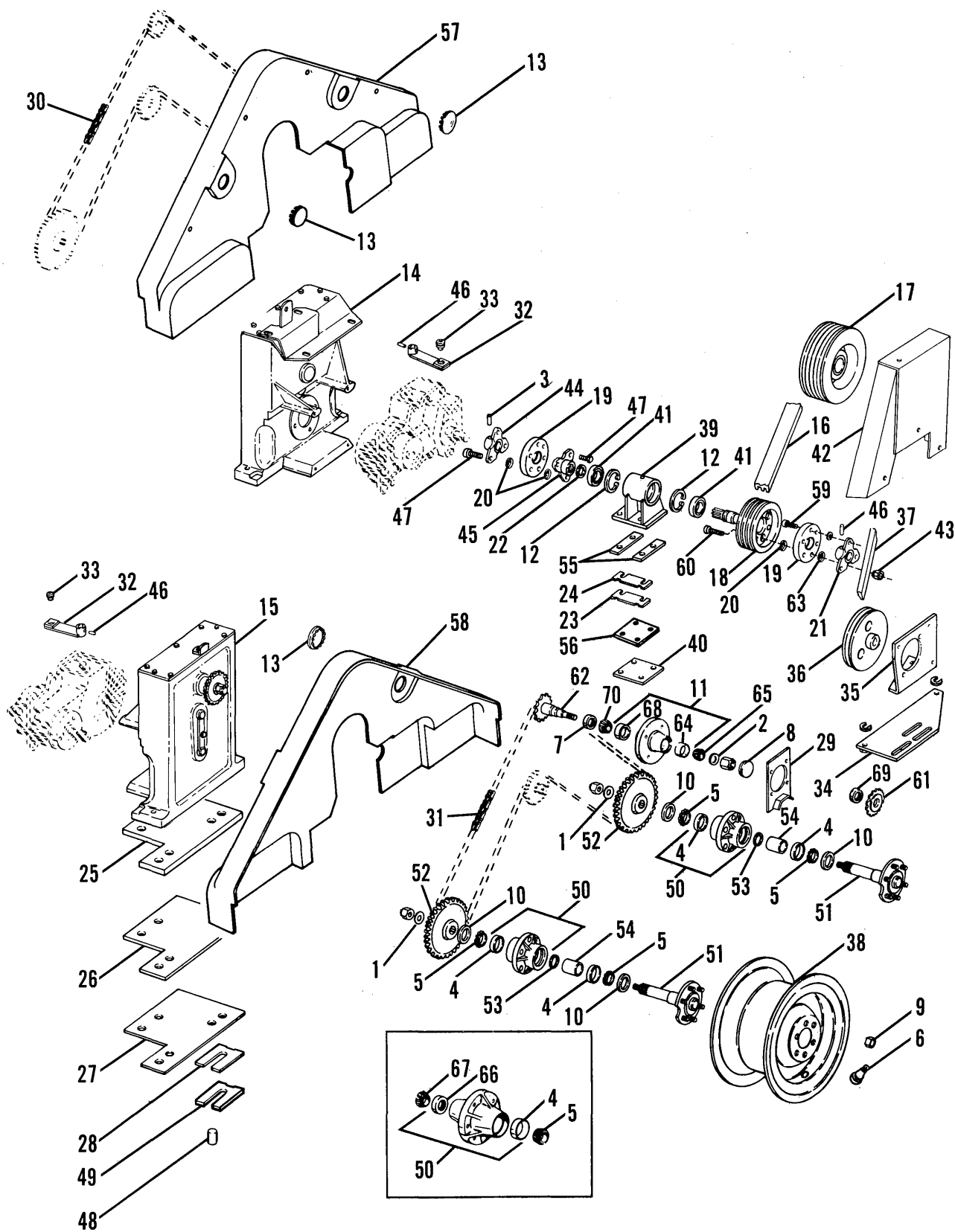
Ref. No.	Part No.	Part Name	No. Req.
10	062100	Friction Bar - Left	1
	650486	HHCS 5/16 x 3/4	2
		(2) 5/16 PW - (2) HLN	
11	062102	Friction Bar Spacer	2
12	062103	Traction Control Rod - Left	1
		(1) 3/8NF L.H. HN - (1) NF HN -	
		(1) NF HLN	
13	062104	Traction Control Rod - Right	1
		(1) 3/8NF L.H. HN - (1) NF HN -	
		(1) NF HLN	
14	062110	Ball Joint-3/8NF-L.H. Thread	2
	650579	HHCS 3/8 x 1-3/4	2
		(2) 3/8 PW - (2) HLN	
15	062271	Connecting Link	1
		(Two req'd. before Serial #1189)	
16	063847	Hexagon Nut 3/8NF - L.H.	2
		(Used after Serial #1189)	

Continued ►

HL2600 - CONSOLE & CONTROLS

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
17	064151	Control Console	1	22	067675	Control Lever - Right	1
		(Used after Serial #119)				(Used after Serial #1188)	
	650486	HHCS 5/16 x 3/4	2		650486	HHCS 5/16 x 3/4	2
		(2) 5/16 LW - (2) PW				(2) 5/16 HLN - (2) PW	
	650488	HHCS 3/8 x 3/4	4		062086	Control Lever - Right	1
		(4) 3/8 LW				(Used before Serial #1189)	
	062081	Control Console	1	23	068488	Control Lever - Left	1
		(Used before Serial #200)				(Used after Serial #1188)	
18	064152	Guide Plate.....	1			(2) 5/8 HN	
		(Used after Serial #199)			062094A	Control Lever - Left	1
	650486	HHCS 5/16 x 3/4	2			(Used before Serial #1189)	
		(2) 5/16 LW		24	055049	Shim	2
19	064155	Control Lever Latch	2	25	068299	T-Bar Cap.....	1
		(Used after Serial #199)				(Used after Serial #1188)	
	062115	Control Lever Latch	2		650486	HHCS 5/16 x 3/4	3
		(Used before Serial #200)				(2) 5/16 PW - (2) LW	
20	064157	Pivot Latch.....	1	26	068303	Side Trim - Right	1
		(Used after Serial #199)				(Used after Serial #1188)	
	650486	HHCS 5/16 x 3/4	2	27	068304	Side Trim - Left	1
		(2) 5/16 PW - (2) LW				(Used after Serial #1188)	
21	064159	Pivot Latch Rod	1	28	068305	T-Bar Cover Trim	1
		(Used after Serial #199)				(Used after Serial #1188)	
	650551	Cotter Pin 3/32 x 3/4"	2	A For Replacement, order part #068488.			
		(2) 5/16 PW					

HL2600 - AXLE & DRIVE **(Used Before Serial #1889)**

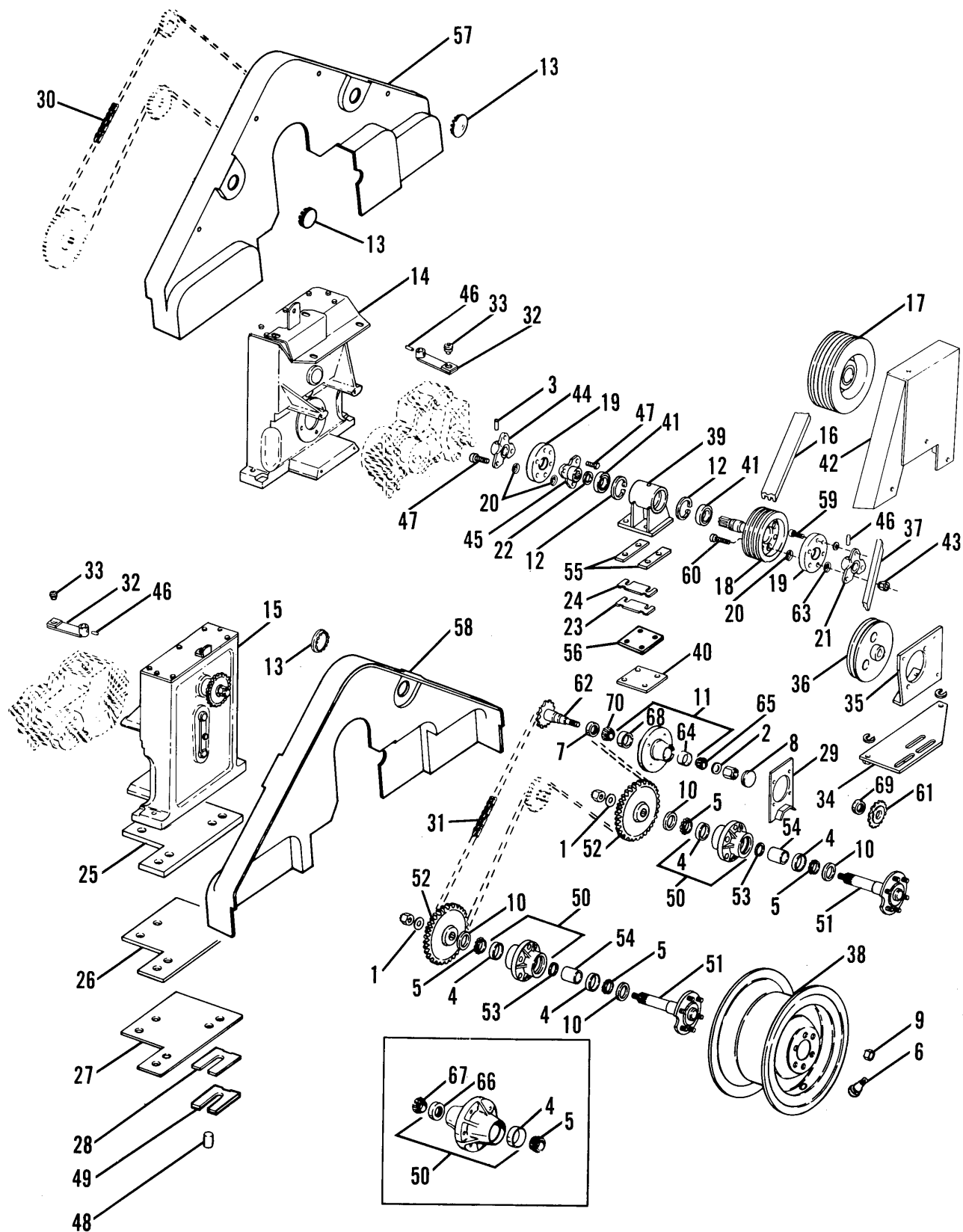


HL2600 - AXLE & DRIVE (Used Before Serial #1889)

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	M12234A	Thrust Washer	4	25	062047	Transmission Spacer 5/16	2
		(Used after Serial #699)				(Used before Serial #346)	
	H6149	Thrust Washer	4	26	062048	Transmission Spacer 1/16	1
		(Used before Serial #700)				(Used before Serial #346)	
2	H8354	Retainer Washer	2	27	062049	Transmission Spacer 1/32	1
3	040775	Roll Pin 1/4 x 1-1/4	1			(Used before Serial #346)	
4	042162	Bearing Cup	8	28	062050	Transmission Shim	As Req.
		(Four req'd. before Serial #700)		29	062057	Idle Adjustment Washer	2
5	042163	Bearing Cone	8	30	062067D	Drive Chain - Right (#60 x 166) ...	1
		(Four req'd. before Serial #700)		31	062068E	Drive Chain - Left (#60 x 168).....	1
6	045581	Tire Valve	4	32	062105	Pump Control Lever	2
7	046019	Idle Seal	2	33	062109	Pump Control Bushing.....	2
8	046023	Dust Cap	2	34	062120	Pump Support Plate	1
9	047542	Lug Nut	24		650585	HHCS 1/2 x 2	2
10	053329	Axle Seal	8		(2) 1/2 LW		
		(Four req'd. before Serial #700)		35	062123	Pump Support	1
11	053330	Idle Hub Assembled (Include Cups			650786	CB 3/8 x 1-1/4.....	3
		520021 and 520054)	2		(3) 3/8 HLN - (3) PW		
	650858	HHCS 1/2NF x 1-1/2	8	36	062126	Pump Sheave (5.8 Dia.)	1
	(8) 1/2 LW				650338	SHSS 1/4 x 1/4.....	4
12	056287	Snap Ring - Inside.....	2	37	062127F	Pump Drive Belt	1
13	056669	Hole Cover.....	4	38	062193	Wheel 15 x 5 KB Std.	4
14	061525B	Transmission Assembled - Right... 1				or	
		(Used before Serial #346)			061905	Wheel (For 8.50-15 Flotation	
	650495	HHCS 1/2 x 1-1/4	6			Tires).....	4
	(6) 1/2 LW			39	062232	Bearing Support	1
	064394	Transmission Assembled - Right... 1			570009	Grease Fitting	1
		(Used after Serial #345)		40	062236	Bearing Support Spacer	1
	650495	HHCS 1/2 x 1-1/4	6	41	062367	Ball Bearing	2
	(6) 1/2 LW			42	062390	Belt Guard	1
15	061526C	Transmission Assembled - Left 1			650484	HHCS 5/16 x 1/2	3
		(Used before Serial #346)			(3) 5/16 LW		
	650585	HHCS 1/2 x 2	6	43	064260	Nut	3
	(6) 1/2 LW					(Used after Serial #1189 & before	
	064419	Transmission Assembled - Left 1				Serial #1889)	
		(Used after Serial #345)		44	064349	Flanged Coupling - Right.....	1
	650495	HHCS 1/2 x 1-1/4	6		650899	SHCS 3/8 x 1-1/4	1
	(6) 1/2 LW				650202	SHSS 5/16 x 5/16.....	2
16	061852	Drive Belt	1	45	064352	Flanged Coupling - Centre.....	1
17	062029	Engine Sheave (5.3 Dia.)	1	46	064353	Roll Pin 1/4 x 1.....	3
		(Includes one 068247 Bushing)		47	064354	Flange Bolt 5/16 x 1	6
18	062030	Pump Drive Sheave (5.0 Dia.)..... 1		48	064418	Dowel Pin 1/2 x 1-1/4	4
	650893	SHCS 5/16 x 1-1/2	3			(Used after Serial #345)	
	(3) 5/16 HLN			49	064423	Shim	As Req.
19	062033	Flexible Disc.	2	50	065820	Wheel Hub Assembled	4
20	062034	Beaded Washer	24			(Used after Serial #699)	
		(Used before Serial #1390)				(Includes Two 042162)	
21	062035	Flanged Coupling - Left	1		570019	Grease Fitting	4
	650894	SHCS 5/16 x 1	3		650424	HHCS 9/16NF x 2	24
	(3) 5/16 HJN				(24) 9/16NF HLN		
22	062039	Retaining Ring.....	2	062069	Wheel Hub Assembled	4	
23	062040	Bearing Support Shim	As Req.			(Used before Serial #700)	
24	062041	Bearing Support Shim	As Req.			(Includes Two 042162)	

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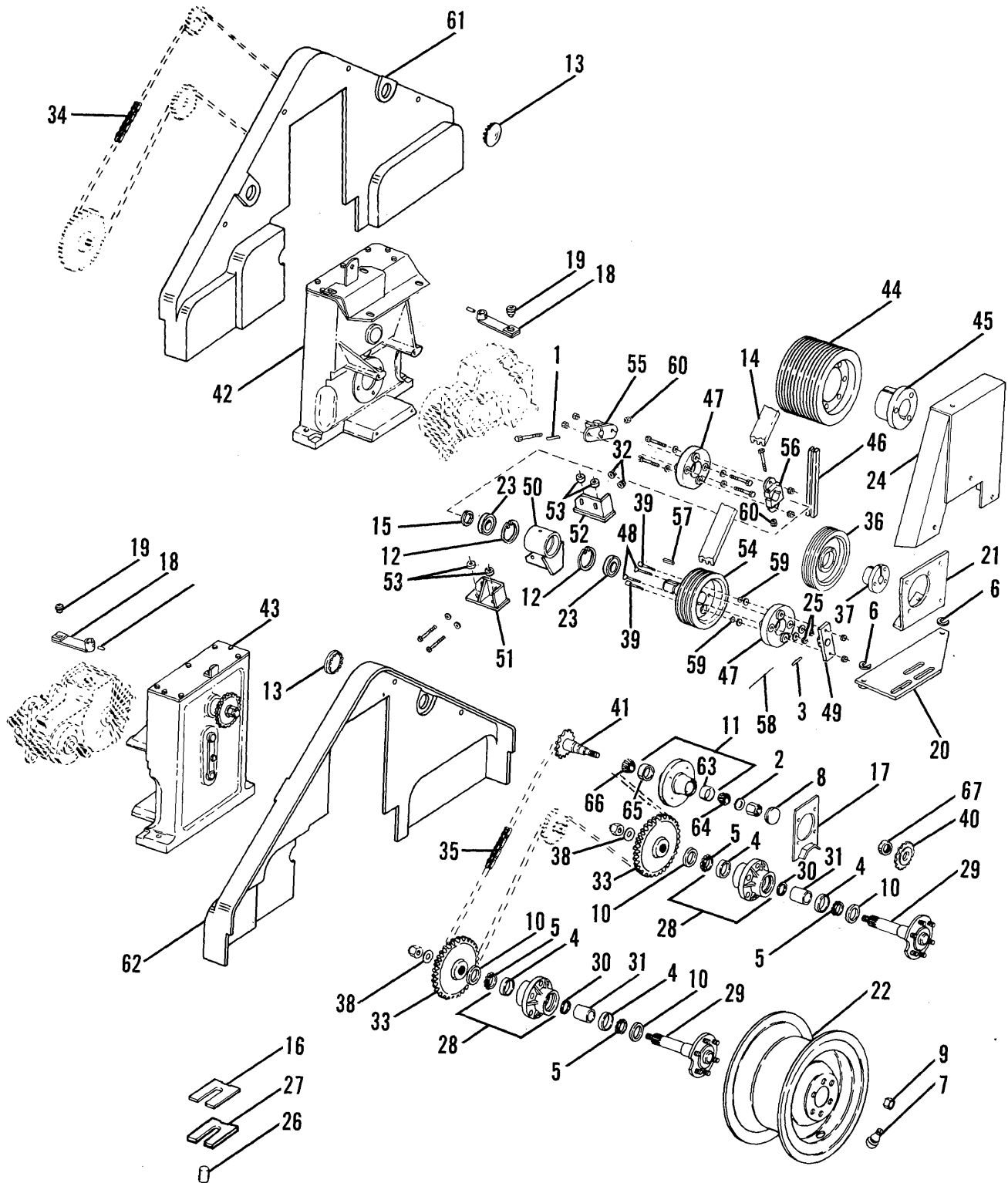
HL2600 - AXLE & DRIVE **(Used Before Serial #1889)**



HL2600 - AXLE & DRIVE (Used Before Serial #1889)

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
51	065823	Axle.....	4	60	069283	Cap Screw	3
		(Used after Serial #699)				(Used after Serial #1389 & before	
	650817	SN 3/4	4			Serial #1889)	
	655010	Cotter Pin 1/8 x 1-1/2	4	61	069306	Idler Sprocket	1
	062060	Axle.....	4			(Used after Serial #1397)	
		(Used before Serial #700)				(Includes (1) 520208 Bearing)	
52	065826	Axle Support (42T).....	4		062468	Idler Sprocket	1
		(Used after Serial #699)				(Used before Serial #1398)	
	062064	Axle Sprocket (24T)	4			(Includes (1) 520208 Bearing)	
		(Used before Serial #700)		62	069367	Idler Sprocket (14T)	2
53	065829	Axle Bearing Shim	20			(Used after Serial #1398)	
		(Used after Serial #699)			062054G	Idler Sprocket (14T)	2
	061857	Axle Bearing Shim	2	63	069752	Washer	6
		(Used before Serial #700)				(Used after Serial #1389 & before	
54	065830	Spacer	4			Serial #1889)	
		(Used after Serial #699)		64	520021	Bearing Cup - Outside	2
55	067228	Screw Support	2	65	520022	Bearing Cone - Outside.....	2
		(Used after Serial #701 & before		66	520046	Bearing Cup - Inside	4
		Serial #1889)				(Used before Serial #700)	
56	067738	Spacer	2	67	520048	Bearing Cone - Inside	4
		(Used after Serial #1189 & before				(Used before Serial #700)	
		Serial #1889)		68	520054	Bearing Cup - Inside	2
57	067747	Chain Guard - Right	1	69	520153	Bearing Lock Collar	2
		(Used w/ Parking Brake after		70	520055	Bearing Cone	2
		Serial #1188 & before Serial				(Used after Serial #1397)	
		#1889)			520201	Bearing Cone	2
	062070	Chain Guard	1			(Used before Serial #1398)	
		(Used before Serial #1189)		A For Replacement, order part #069226.			
58	067748	Chain Guard - Left	1	B For Replacement, order part #064394.			
		(Used w/ Parking Brake after		C For Replacement, order part #064419.			
		Serial #1188 & before Serial		D For Replacement, order part #069472.			
		#1889)		E For Replacement, order part #069473.			
	062070	Chain Guard	1	F For Replacement, order part #069152.			
		(Used before Serial #1189)		G For Replacement, order Kit #069530.			
59	069282	Cap Screw	3				
		(Used after Serial #1389 & before					
		Serial #1889)					

HL2600 - AXLE & DRIVE **(Used After Serial #1888)**

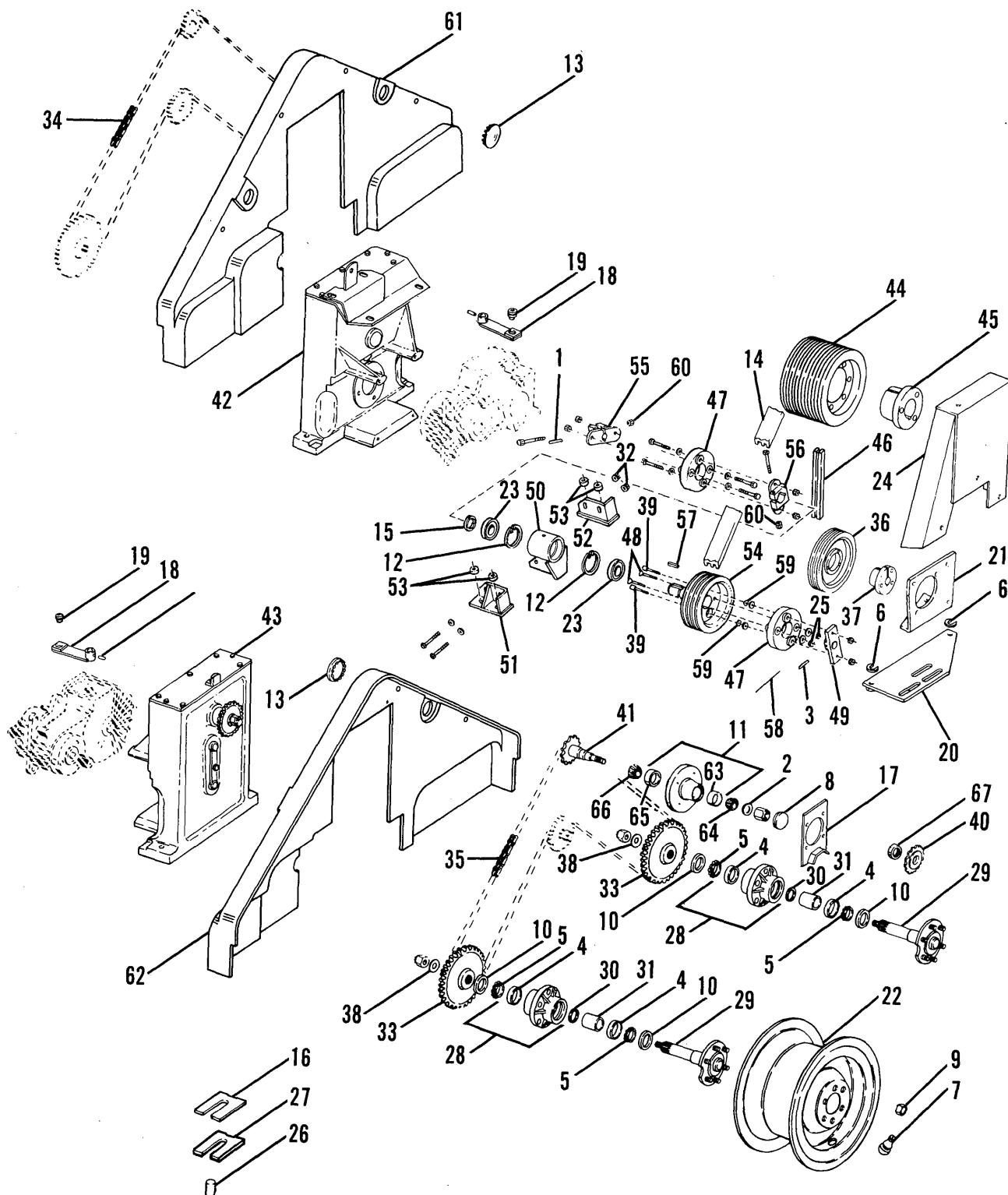


HL2600 - AXLE & DRIVE (Used After Serial #1888)

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	13E24	Roll Pin 1/4 x 1-1/2	1	35	067921	Drive Chain - Left	1
2	H8354	Retainer Washer	2			Chain (#60H) of 171 Links including one (047802) Offset Link & one (047801) Connector Link.	
3	040775	Roll Pin 1/4 x 1-1/4	1	36	068667	Pump Sheave (6.0 Dia.)	1
4	042162	Bearing Cup	8	37	068668	Hub	1
5	042163	Bearing Cone	8	38	069226	Thrust Washer	4
6	042826	Shim	2	39	069283	SHCS 5/16 x 1-1/2	6
		(Used after Serial #1888)				(2) 5/16 HJN	
7	045581	Tire Valve	4			(2) 1/4 PW	
8	046023	Dust Cap	2	40	069306	Idler Sprocket (16T)	2
9	047542	Lug Nut	24			(Includes one 520208 Bearing)	
10	053329	Axle Seal	8	41	069367	Idler Sprocket (14T)	2
11	053330	Idler Hub Assembled	2		655010	Cotter Pin 1/8 x 1-1/2	2
		(Includes 520021 and 520054)				(2) 3/4 SN Heavy	
	650858	HHCS 1/2NF x 1-1/2	16	42	069625	Transmission Assembled - Right	1
12	056287	Snap Ring - Inside	2		650495	HHCS 1/2 x 1-1/4	6
13	056669	Hole Cover	4			(6) 1/2 LW	
14	061852	Drive Belt	1	43	069626	Transmission Assembled - Left	1
15	062039	Retaining Ring	2		650495	HHCS 1/2 x 1-1/4	6
16	062050	Transmission Shim	As Req.			(6) 1/2 LW	
17	062057	Idler Adjustment Washer	2	44	069627	Engine Sheave (5.3 Dia.)	1
18	062105	Pump Control Lever	2	45	069628	Bushing	1
19	062109	Pump Control Bushing	2	46	069629	Pump Drive Belt	1
20	062120	Pump Support Plate	1	47	071164	Flexible Disc	2
	650585	HHCS 1/2 x 2	2		069283	SHCS 5/16 x 1-1/2	2
		(2) 1/2 LW			071165	HSFHCS 5/16 x 1-3/4	2
21	062123	Pump Support	1		650692	HHCS 5/16 x 1-1/34	4
	650786	CB 3/8 x 1-1/4	3			(2) 5/16 HLN - (6) HJN	
		(3) 3/8 HLN - (3) PW				(8) 1/4 PW	
22	062193	Wheel 15 x 5 K.B.	4	48	071165	FHSCS 5/16 x 1-3/4	2
	061905	Wheel	4			(2) 1/4 PW	
		(For 8.50 x 15 Flotation Tires)		49	071177	Flanged Coupling - Left	1
23	062367	Ball Bearing	2	50	071178	Bearing Support	1
24	062390	Belt Guard	1		570009	Grease Fitting	1
	650484	HHCS 5/16 x 1/2	3	51	071181	Bearing Support Mount - Front	1
		(3) 5/16 LW			650491	HHCS 3/8 x 1-1/4	2
25	064260	HLN 5/16	2		650533	HHCS 3/8 x 1-1/2	2
26	064418	Dowel Pin 1/2 x 1-1/4	4			(2) 3/8 PW - (2) LW	
27	064423	Shim	As Req.	52	071185	Bearing Support Mount - Rear	1
28	065820	Wheel Hub Assembled	4		650491	HHCS 3/8 x 1-1/4	2
		(Includes 042162 Bearing Cups)			650533	HHCS 3/8 x 1-1/2	2
	570019	Grease Fitting	4			(2) 3/8 PW - (2) LW	
	650424	HHCS 9/16NF x 2	24	53	071187	Washer	4
29	065823	Axle	4	54	071188	Pump Drive Sheave	1
	655010	Cotter Pin 1/8 x 1-1/2	4		071165	HSFHCS 5/16 x 1-3/4	2
		(4) 3/4SN Heavy		55	071191	Flanged Coupling - Right	1
30	065829	Axle Bearing Shim	20		650706	HHCS 1/4 x 2	1
31	065830	Spacer	4		650692	HHCS 5/16 x 1-3/4	2
32	067847	SF HN - 3/8	2			(2) 5/16 HJN	
33	067917	Axle Sprocket (44T)	4			(2) 1/4 PW	
34	067920A	Drive Chain - Right	1				
		Chain (#60H) of 168 Links Connected Endless.					

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HL2600 - AXLE & DRIVE **(Used After Serial #1888)**



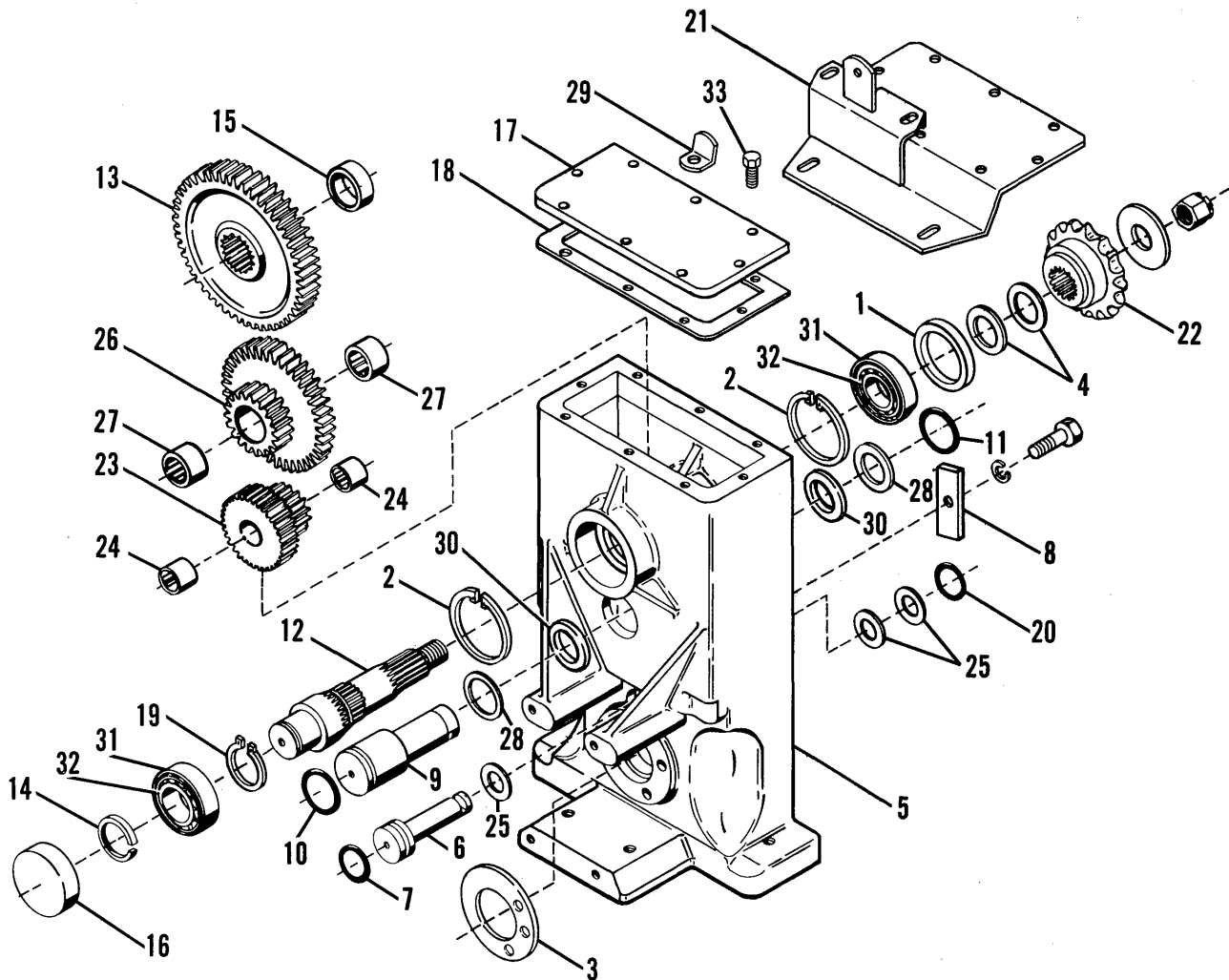
HL2600 - AXLE & DRIVE (Used After Serial #1888)

Ref. No.	Part No.	Part Name	No. Req.
56	071194	Flanged Coupling - Center.....	1
	650839	HHCS 1/4 x 2-1/4	1
	650692	HHCS 5/16 x 1-3/4	2
		(2) 5/16 HJN	
		(2) 1/4 PW	
57	071292	Key 1/4 x 1/4 x 1	1
58	071293	Lock Wire 1/16 x 4	1
59	071347	Spacer	2
60	071401	HLN - 1/4	2
61	071515	Chain Guard - Right.....	1
	650547	HHCS 5/16 x 3-1/2	4
		(4) 5/16 HLN	

Ref. No.	Part No.	Part Name	No. Req.
62	072516	Chain Guard - Left	1
	650547	HHCS 5/16 x 3-1/2	4
		(4) 5/16 HJN	
63	520021	Bearing Cup - Outside	2
64	520022	Bearing Cone - Outside.....	2
65	520054	Bearing Cup - Inside	2
66	520055	Bearing Cone - Inside	2
67	520153	Bearing Lock Collar	2

A For Replacement, order part #069474.

HL2600 - TRANSMISSION



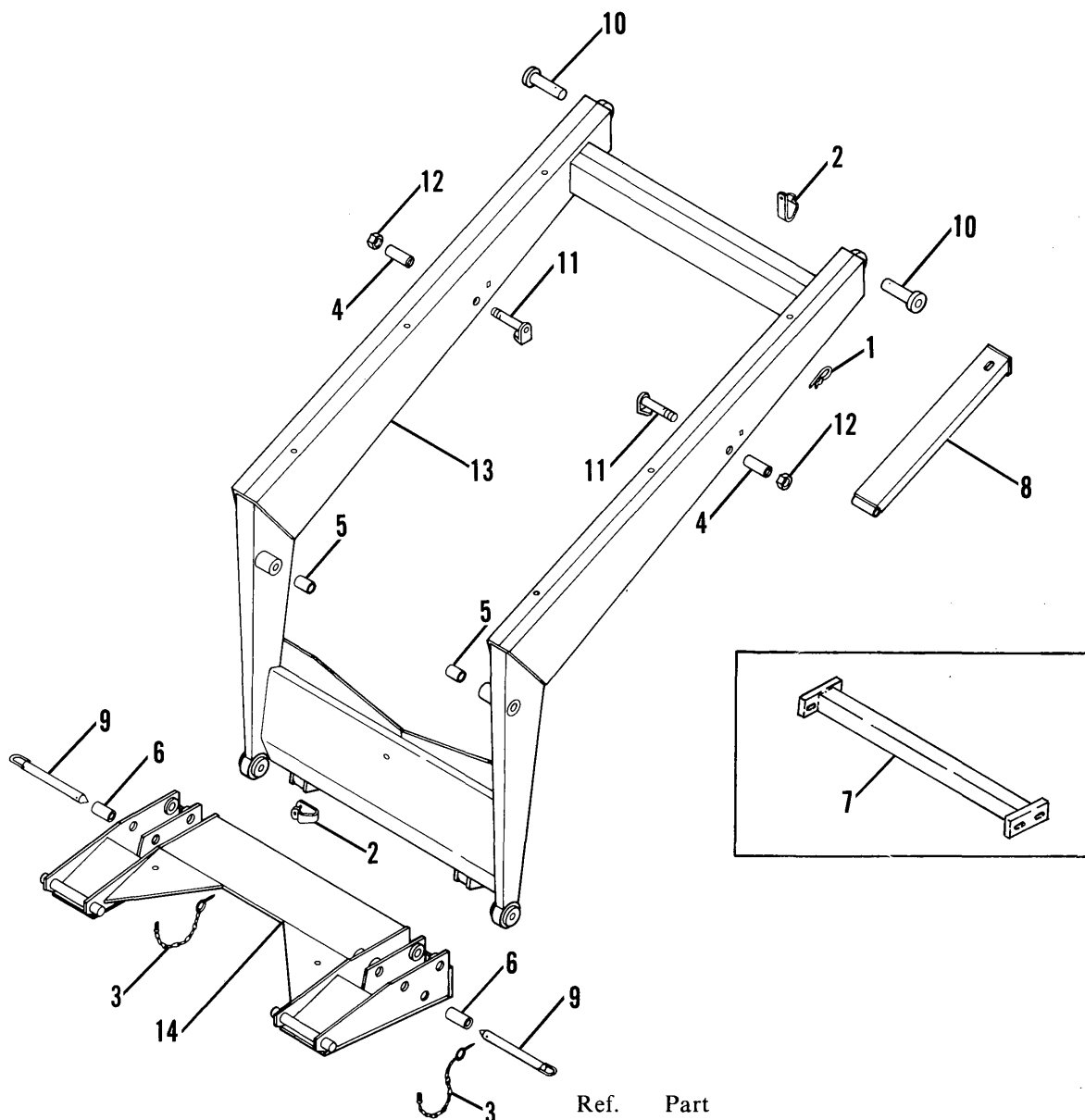
Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	059292	Grease Seal	1	13	064410	Final Gear (50T)	1
2	060107	Internal Retaining Ring	2	14	064411	"E" Ring	1
3	061854	Pump Gasket	1	15	064412	Gear Spacer	1
4	061857	Shim	2	16	064415	Dust Cap	1
		(Used after Serial #1188)		17	064416	Transmission Cover - Left	1
5	064395	Transmission Housing - Right	1		650486	HHCS 5/16 x 3/4	8
	064420	Transmission Housing - Left (Not Shown)	1	18	064417	Transmission Cover Gasket	1
6	064397	Primary Transmission Shaft	1	19	065240	Retaining Ring	1
7	064398	"O" Ring	1	20	065241	"O" Ring	1
8	064402	Camlock Bar	1	21	069381	Seat and Lever Support	1
	650488	HHCS 3/8 x 3/4	1			(Used after Serial #1188 on Right Transmission)	
		(1) 3/8 LW			650486	HHCS 5/16 x 3/4	7
9	064403	Secondary Transmission Shaft	1		650930	SHCS 5/16 x 3/4	1
10	064404	"O" Ring	1				
11	064405	"O" Ring	1				
12	064409	Output Shaft	1				
	655010	Cotter Pin 1/8 x 1-1/2	1				
		(1) 3/4SN - (1) PW					

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HL2600 - TRANSMISSION

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
22	071418	Drive Sprocket (21T)	1	26	071426	Secondary Gear 19-40T	1
	650817	SHN 3/4NF	1			(Used after Serial #1888)	
	654014	PW 3/4	1		064406	Secondary Gear 19-40T	1
		(Used after Serial #1888)				(Used before Serial #1889)	
	064413	Drive Sprocket (20T)	1	27	071428	Needle Bearing	2
		(Used before Serial #1889)				(Used after Serial #1888)	
23	071421	Primary Gear 15-34T	1		520138	Needle Bearing	2
		(Used after Serial #1888)				(Used before Serial #1889)	
	064399	Primary Gear 15-34T	1	28	071429	Thrust Washer	3
		(Used before Serial #1889)				(Used after Serial #1888)	
24	071423	Needle Bearing	1		042855	Spacer	4
		(Used after Serial #1888)				(Used before Serial #1389)	
	053331	Needle Bearing	2	29	071514	Guide Guard	1
		(Used before Serial #1889)				(Used after Serial #1888)	
25	071424	Thrust Washer	3	30	071552	Thrust Washer	2
		(Used after Serial #1888)		31	520046	Bearing Cup	2
	B11162	Spacer	2	32	520048	Bearing Cone	2
		(Used before Serial #1389)		33	650930	SHCS 5/16 x 3/4	1

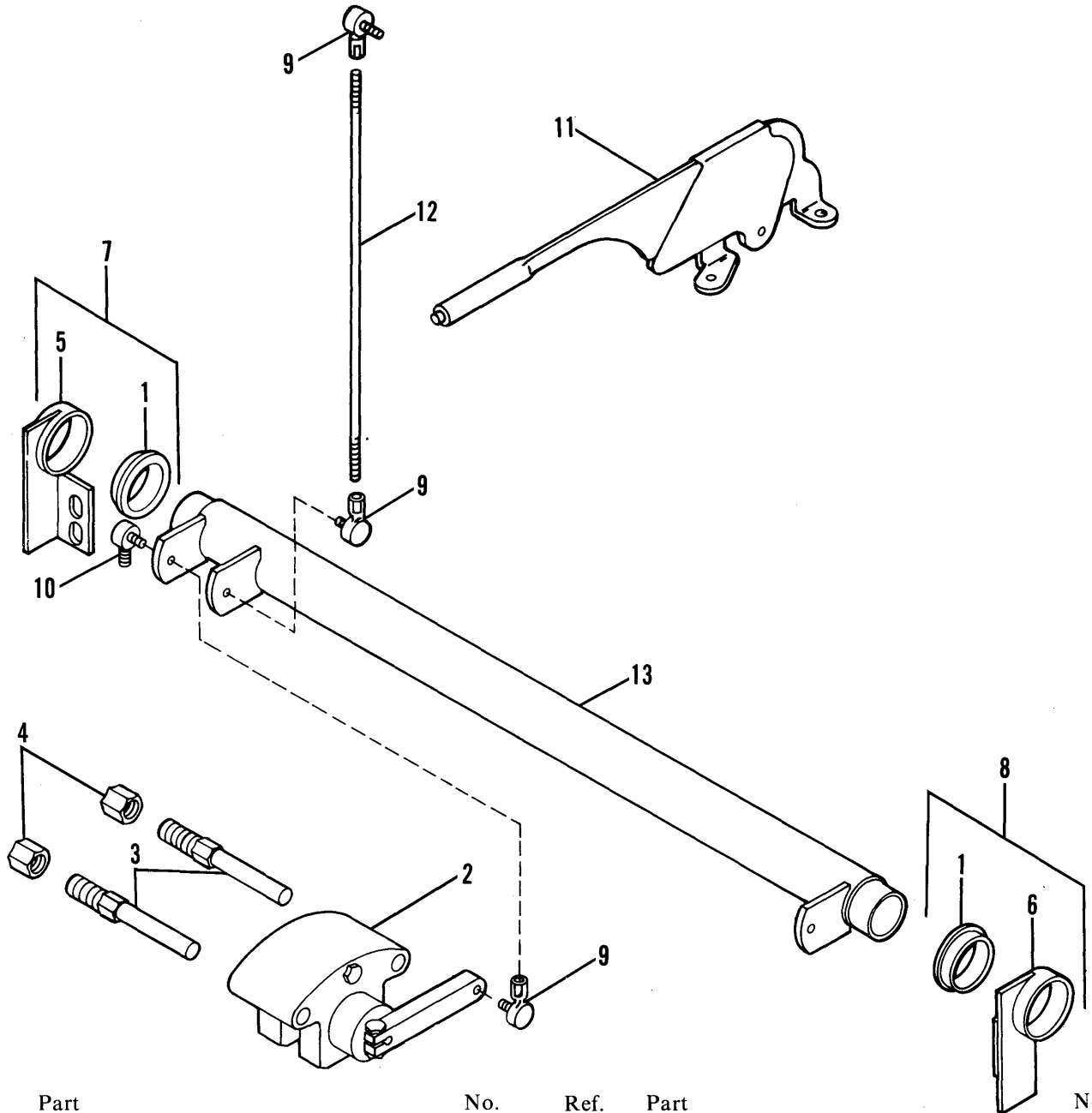
HL2600 - LOAD ARM



Ref. No.	Part No.	Part Name	No. Req.
1	9H300	Hair Pin Cotter	1
2	055021	Hose Clamp	5
	650618	Self-tapping Screw 5/16 x 5/8	5
	(5) 5/16 LW		
3	055910	Lock Pin	2
4	062138	Lift Cylinder Bushing	2
5	062140	Tilt Cylinder Bushing	2
6	062141	Attachment Bracket Spacer	2
7	062169	Cross Brace	1
	(Used before Serial #809)		
	650742	HHCS 3/8 x 4	4
	(4) 3/8 HN - (4) LW		
8	062172	Safety Arm	1
	652088	CB 1/2 x 3-1/2	1
	(1) 1/2 HLN		
9	062191	Attachment Pin	2

Ref. No.	Part No.	Part Name	No. Req.
10	062216	Lift Pin	4
	650733	HHCS 5/16 x 2-1/2	4
	(4) 5/16 HLN		
11	062417	Lift Cylinder Pin	2
	(2) 3/4 HLN		
12	064331	Lock Nut - 3/4	6
13	067552	Load Arm	1
	(Used after Serial #808)		
	062149	Load Arm	1
	(Used before Serial #809)		
	650172	HHCS 3/4 x 3-1/4	2
	(2) 3/4 HLN		
14	067559	Attachment Bracket	1
	(Used after Serial #808)		
	650172	HHCS 3/4 x 3-1/2	2
	(2) 3/4 HLN		
	062175	Attachment Bracket	1
	(Used before Serial #809)		

HL2600 - MECHANICAL BRAKE (Used After Serial #1188)

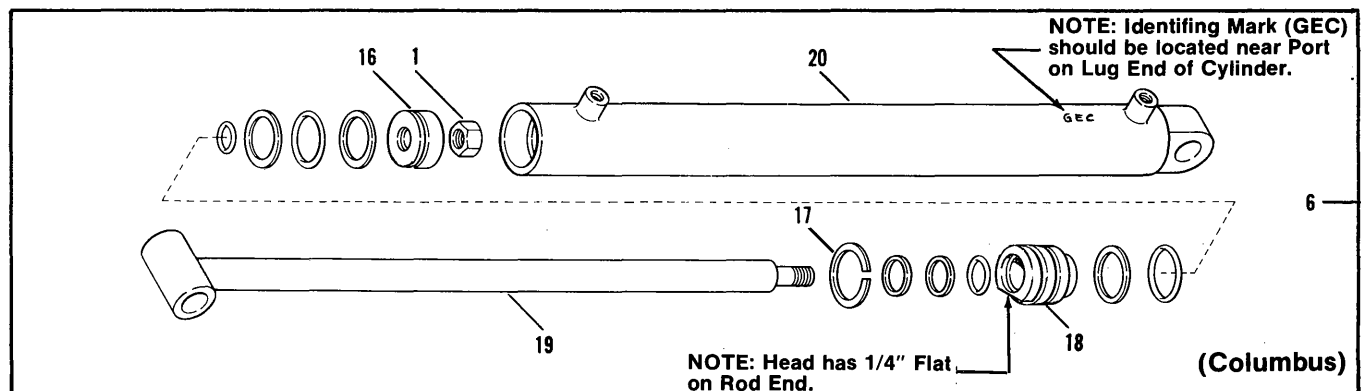
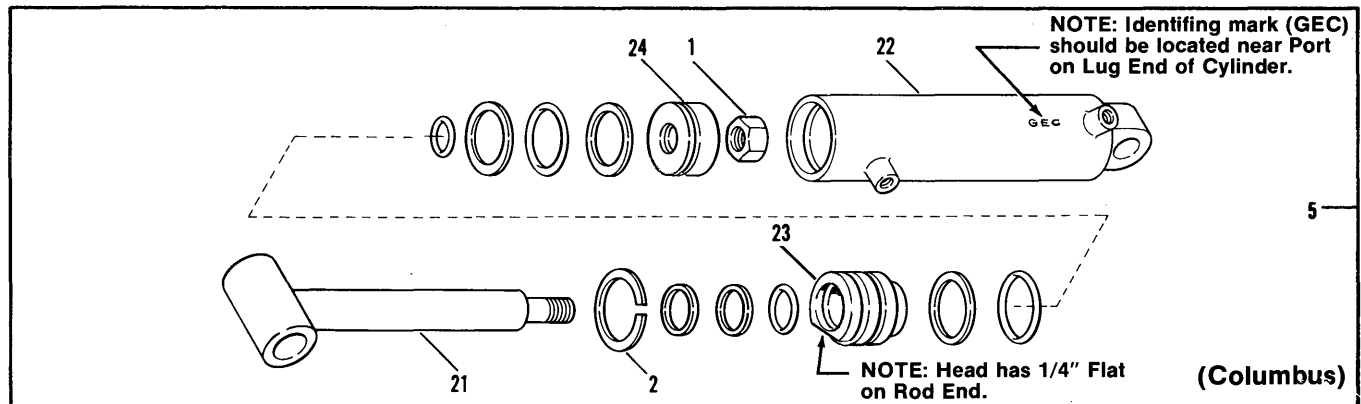
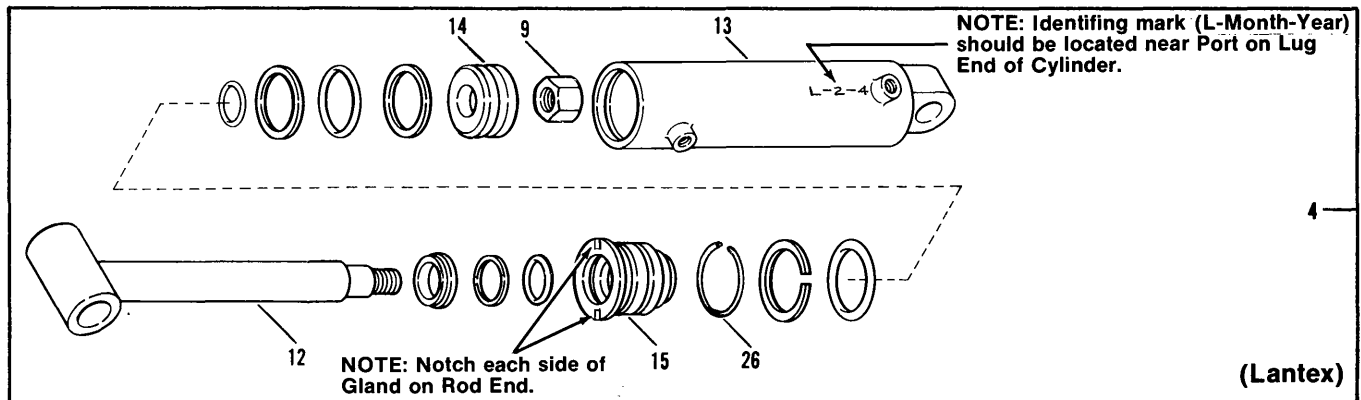
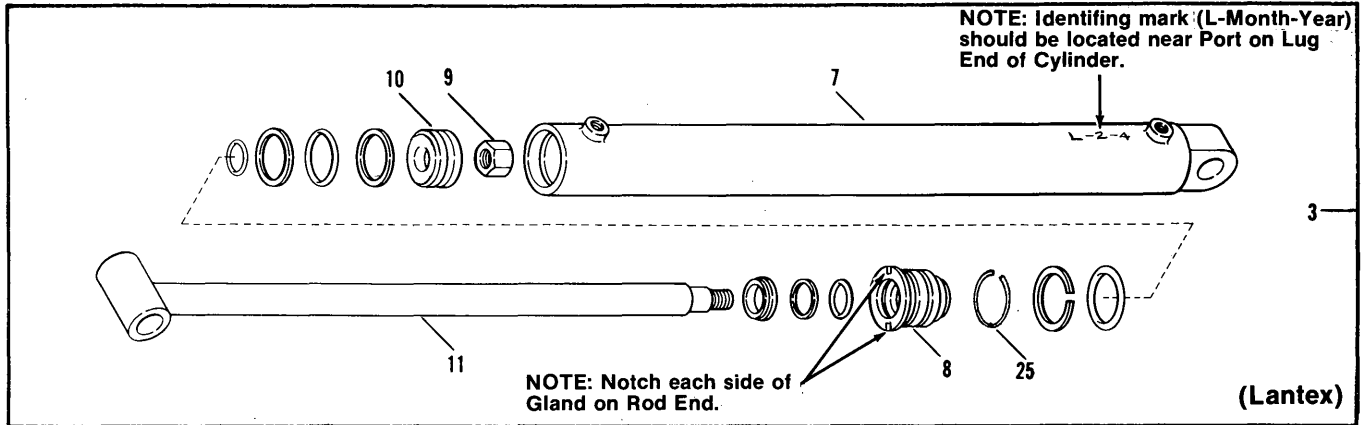


Ref. No.	Part No.	Part Name	No. Req.
1	064962	Bronze Bushing	2
2	067821	Mechanical Brake	2
		(2) 1/4NF HN - (2) LW	
3	067822	Brake Mounting Stud	4
4	067823	Lock Nut - 5/8	4
5	067831	L.H. Bearing Support	1
6	067834	R.H. Bearing Support	1
7	067884	Bearing - Right	1
	067847	HLN - 3/8	2
	650533	HHCS 3/8 x 1-1/2	2
		(2) 3/8 PW	
8	067885	Bearing - Left	1
	067847	HLN - 3/8	2
	650533	HHCS 3/8 x 1-1/2	2
		(2) 3/8 PW	

Ref. No.	Part No.	Part Name	No. Req.
9	068319	Female Ball Joint	4
		(2) 1/4NF HN - (2) PW - (2) LW	
10	068339	Male Ball Joint	2
		(4) 1/4NF HN - (2) LW	
11	068628	Brake Lever	1
	650486	HHCS 5/16 x 3/4	2
		(2) 5/16 PW	
12	068630	Brake Rod	1
		(2) 1/4NF HN - (2) LW	
13	069276	Actuator Tube	1
		(Used after Serial #1888)	
	067827A	Actuator Tube	1
		(Used before Serial #1889)	
		(2) 1/4NF HN - (2) LW	

A For Replacement, order part #069276.

HL2600 HYDRAULIC CYLINDERS



HL2600 HYDRAULIC CYLINDERS

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	055071	Nut	1	17	064306	Snap Ring	1
2	057157	Snap Ring	1	18	064307	Head	1
3	062137 ^A	Lift Cylinder	2	19	064310	Rod	1
4	062139 ^B	Tilt Cylinder	2	20	064311	Barrel	1
5	062393 ^C	Tilt Cylinder	2	21	064313	Rod	1
6	062395 ^D	Lift Cylinder	2	22	064315	Barrel	1
7	064295	Barrel	1	23	064317	Head	1
8	064296	Cylinder Gland	1	29	064318	Piston	1
9	064297	Nut	1	25	066564	Lock Wire	1
10	064298	Piston	1	26	066565	Lock Wire	1
11	064299	Rod	1				
12	064301	Rod	1				
13	064302	Barrel	1				
14	064303	Piston	1				
15	064304	Cylinder Gland	1				
16	064305	Piston	1				

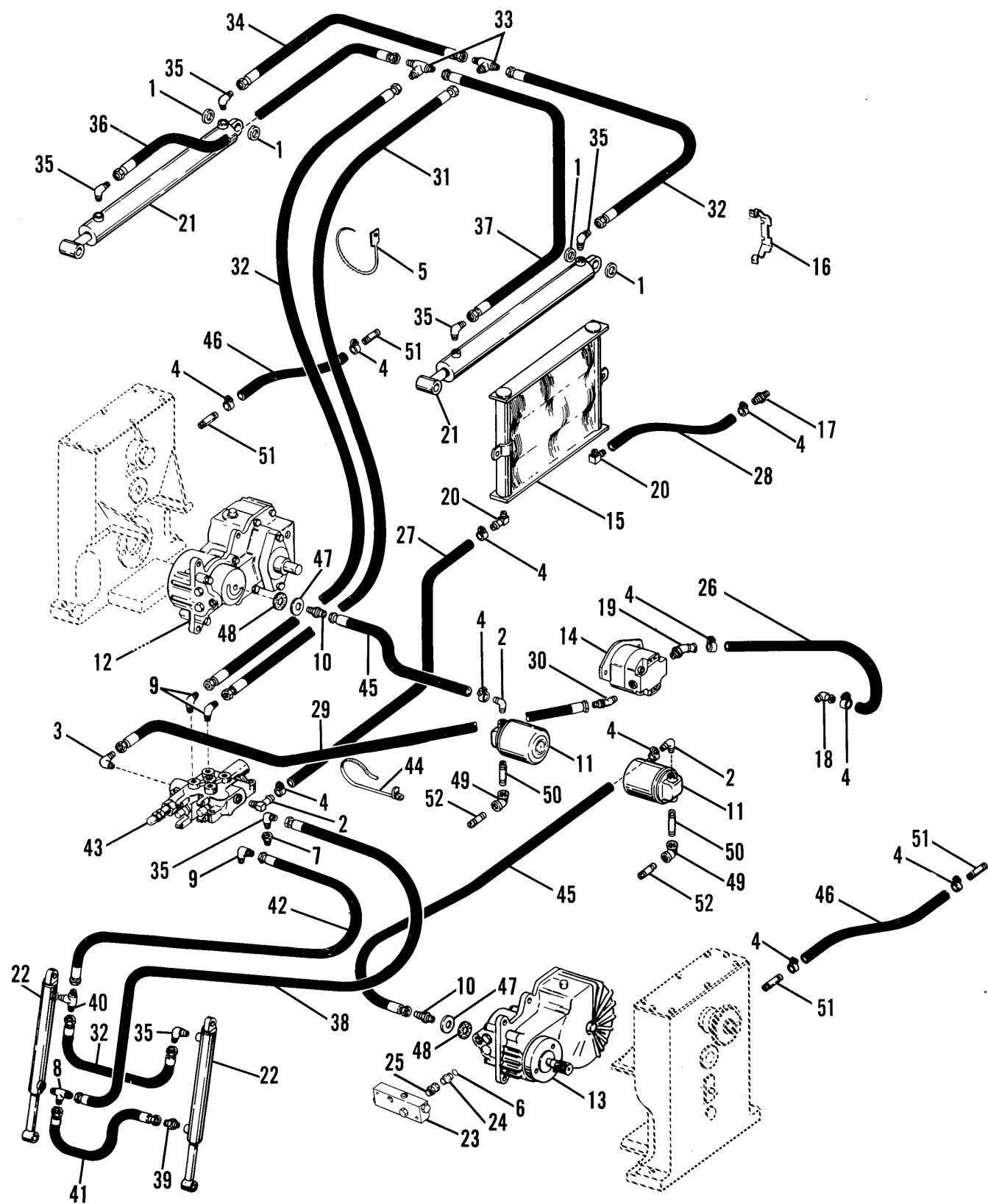
^A To order Cylinder Seal Kit, specify Part No. 064294.

^B To order Cylinder Seal Kit, specify Part No. 064300.

^C To order Cylinder Seal Kit, specify Part No. 057148.

^D To order Cylinder Seal Kit, specify Part No. 064309.

HL2600 - HYDRAULICS



Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	D932A	Washer	4	30	062397	45° Male Elbow	1
2	054854	90° Male Elbow 3/4 x 3/4	3	31	062398	Valve to Lift Cylinder Hose - 3/8" x 36"	1
3	054982	90° Male Elbow 3/4 x 3/4	1	32	062399	Valve to Lift Cylinder Hose - 3/8" x 40"	3
4	055335	Hose Clamp	12	33	062400	Union Tee - 3/4" - 3/4" - 3/4"	2
5	055648	Wire Tie	3	34	062404	Hose - Tee to Right Lift Cylinder - 3/8" x 24"	1
		(Two req'd. before Serial #600)		35	062405	90° Male Elbow - 3/8" x 1/2"	6
6	055896	"O" Ring	4	36	062406	Tee to Right Lift Cylinder Hose - 3/8" x 48"	1
7	057655	Reducer Bushing 1/2 x 3/8	1	37	062407	Tee to Left Lift Cylinder Hose - 3/8" x 64"	1
8	057991	Male Tee - 3/8	1	38	062408	Valve to Tilt Cylinder Hose - 3/8" x 156"	1
9	057992	90° Male Elbow 1/2 x 3/4	3	39	062409	Male Connector	1
10	058859	Male Connector 1-1/16 x 3/4	2	40	062410	Male Branch Tee - 3/8"	1
11	061510	Oil Filter	2	41	062411	Tee to Tilt Cylinder Hose - 3/8 x 19	1
	061511	Filter Element	2	42	062412	Valve to Tilt Cylinder Hose - 3/8" x 140"	1
12	061514A	Hydro-Transmission - Right	1	43	063070E	Control Valve	1
	650491	HHCS 3/8 x 1-1/4	4		650492	HHCS 3/8 x 2-1/2	3
13	061515A	Hydro-Transmission - Left	1			(3) 3/8 HLN	
	650491	HHCS 3/8 x 1-1/4	4	44	063592	STA Strap	6
14	061516B	Gear Pump (Borg-Warner)	1	45	064147	Filter to Hydrostat Hose - 3/4" x 60"	2
	067137B	Gear Pump (Webster)	1	46	065810	Transmission to Tank Return Hose - 1" x 18"	2
	650491	HHCS 3/8 x 1-1/4	2	47	065904	Washer	2
		(2) 3/8 HLN				(Used after Serial #600)	
15	061519	Oil Cooler	1	48	065905	Gasket	2
	650687	CB 5/16 x 3/4	2			(Used after Serial #600)	
		(2) 5/16 HLN - (2) PW		49	660010	90° Elbow 3/4" NPT	2
16	061524	Towing Clip	2	50	660038	Pipe Nipple 3/4" x 4"	2
17	061580	Straight Fitting	1	51	660064	Pipe Nipple 3/4" x 2-1/2"	4
18	062128	90° Male Elbow	1	52	660076	Pipe Nipple 3/4" x 1-1/2"	2
19	062129	45° Elbow	1				
20	062135	90° Male Elbow - Male Pipe to Beaded Insert	2				
21	062137C-D	Lift Cylinder (Lantex)	2				
	570004	Grease Fitting	2				
	570005	Grease Fitting	2				
	062395C-D	Lift Cylinder (Columbus)	2				
	570004	Grease Fitting	2				
	570005	Grease Fitting	2				
22	062139C-D	Tilt Cylinder (Lantex)	2				
	570004	Grease Fitting	4				
	062393C-D	Tilt Cylinder (Columbus)	2				
	570004	Grease Fitting	4				
23	062272	Hydrostatic Relief Valve	2				
24	062273	Male Connector	4				
25	062275	Swivel Adapter	4				
26	062277	Tank to Gear Pump Hose - 1" x 24"	1				
27	062278	Valve to Cooler Return Hose - 3/4" x 26"	1				
28	062279	Cooler to Tank Return Hose - 3/4" x 36"	1				
29	062396	Gear Pump to Valve Hose - 1/2" x 28"	1				

A See pages 18-19 for Transmission Service Parts.

B See page 27 for Gear Pump Service Parts.

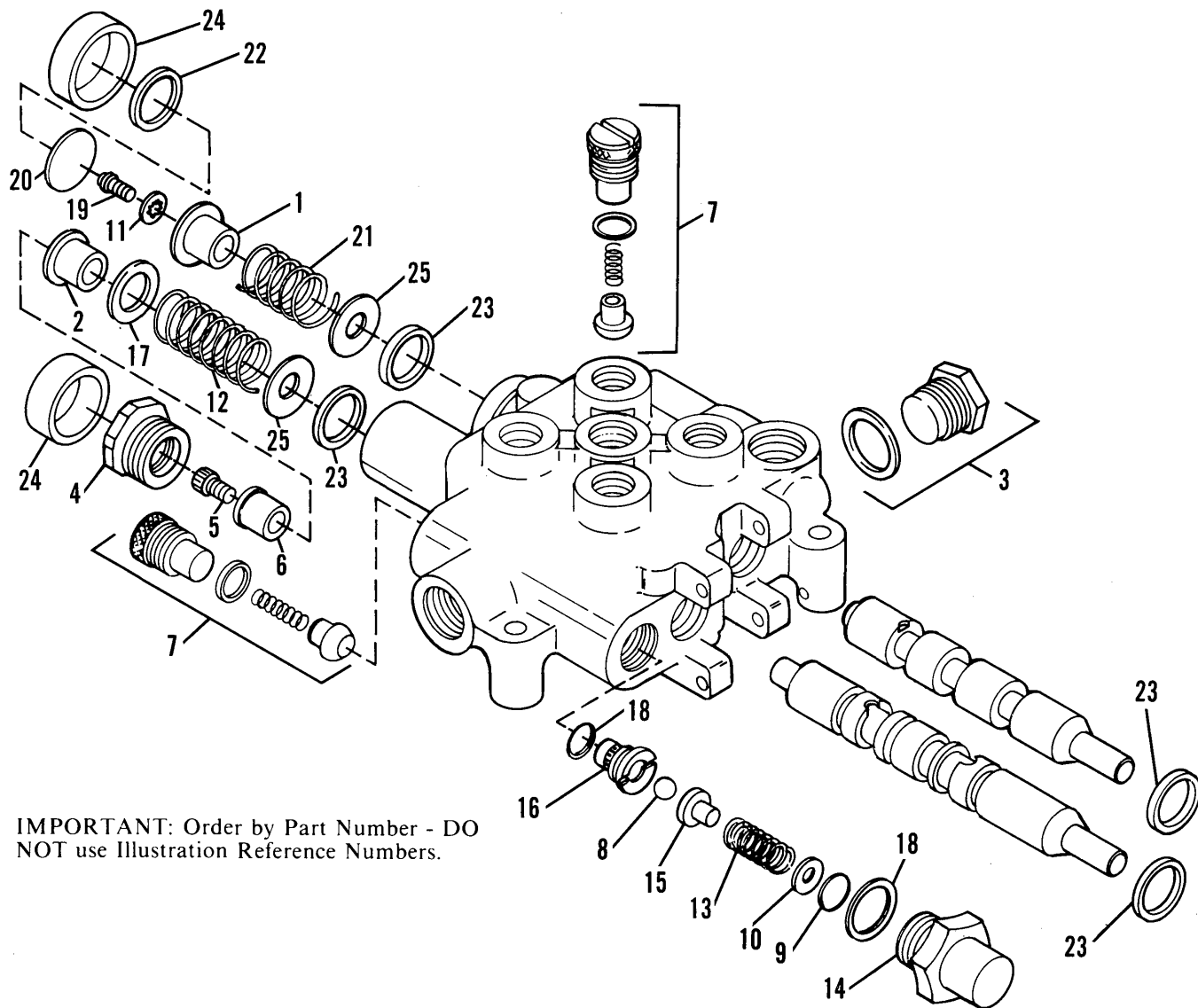
C Replacement Cylinders must be used in pairs, or if singly must match other one of pair being replaced. Use Replacement part #062137 & #062139 or #062393 or #062395.

D See page 22 for Hydraulic Cylinder Service Parts.*

E See page 26 for Control Valve Service Parts.

NOTE: Columbus Cylinders have GEC stamped on Lug End of the Cylinder. Lantex Cylinders have L stamped on Lug End of the Cylinder.

HL2600 - LIFT & TILT VALVE



IMPORTANT: Order by Part Number - DO NOT use Illustration Reference Numbers.

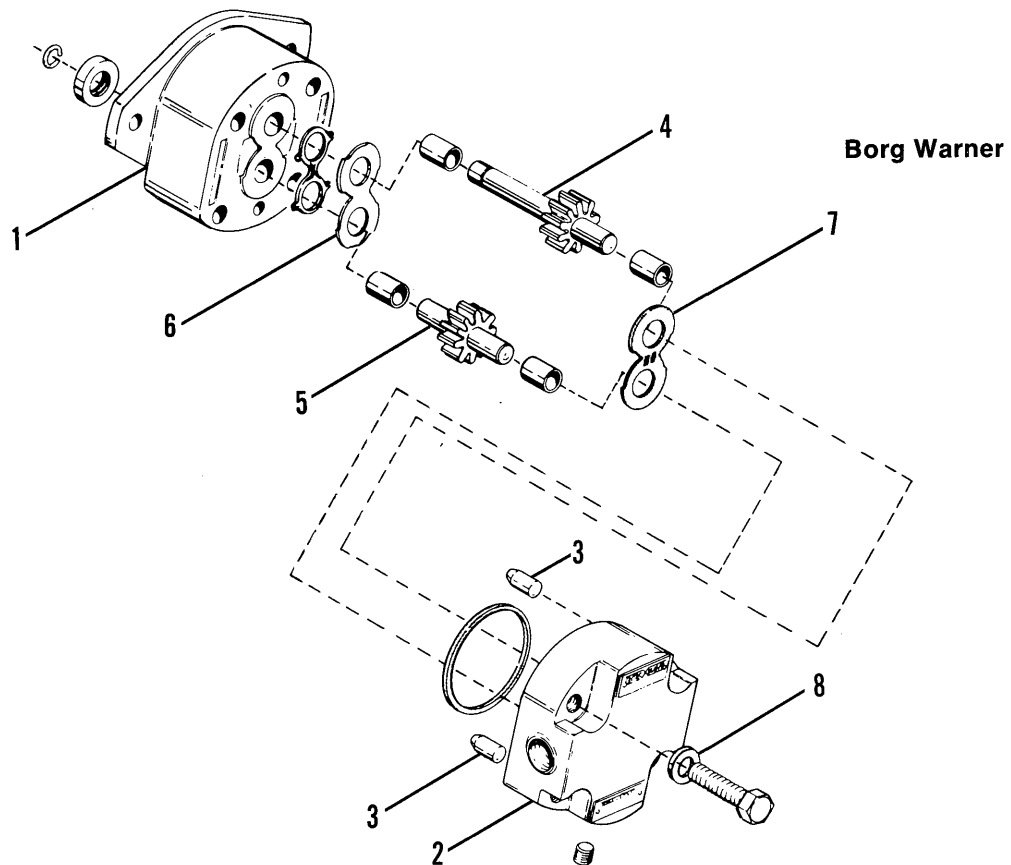
Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
	063070*	Control Valve Assembled	1	16	066795	Relief Valve Seat	1
		Consists of:		17	066796	Shim Washer	1
1	047699	Stop Collar	1	18	066797	Gasket "O"-Ring Seal Kit	1
2	047711	Collar/Float Spring	1	19	580006	Spring Bolt	1
3	047714	Conversion Plug Kit	1	20	580013	Stop Disc	1
4	047721	Detent Sub-assembly	1	21	580014	Centering Spring	1
5	047722	Shoulder Bolt	1	22	580015	Snap Ring	1
6	047724	Detent Plunger	1	23	580030	Seal**	4
7	061188	Check Plug Kit	2	24	580033	Rubber Bonnet	2
8	066787	Relief Valve Ball	1	25	580039	Stop Washer	2
9	066788	Shim	As Req.				
10	066789	Relief Spring Washer	1				
11	066790A	Lock Washer	1				
12	066791	Float Centering Spring	1				
13	066792	Relief Spring	1				
14	066793	Relief Valve Body	1				
15	066794	Guide	1				

* Housing and Spools may not be ordered as separate items. All Spools are fitted to individual housing at factory

** Tool #060644 necessary for installation.

A For Replacement, order part #580040.

HL2600 - HYDRAULIC GEAR PUMP

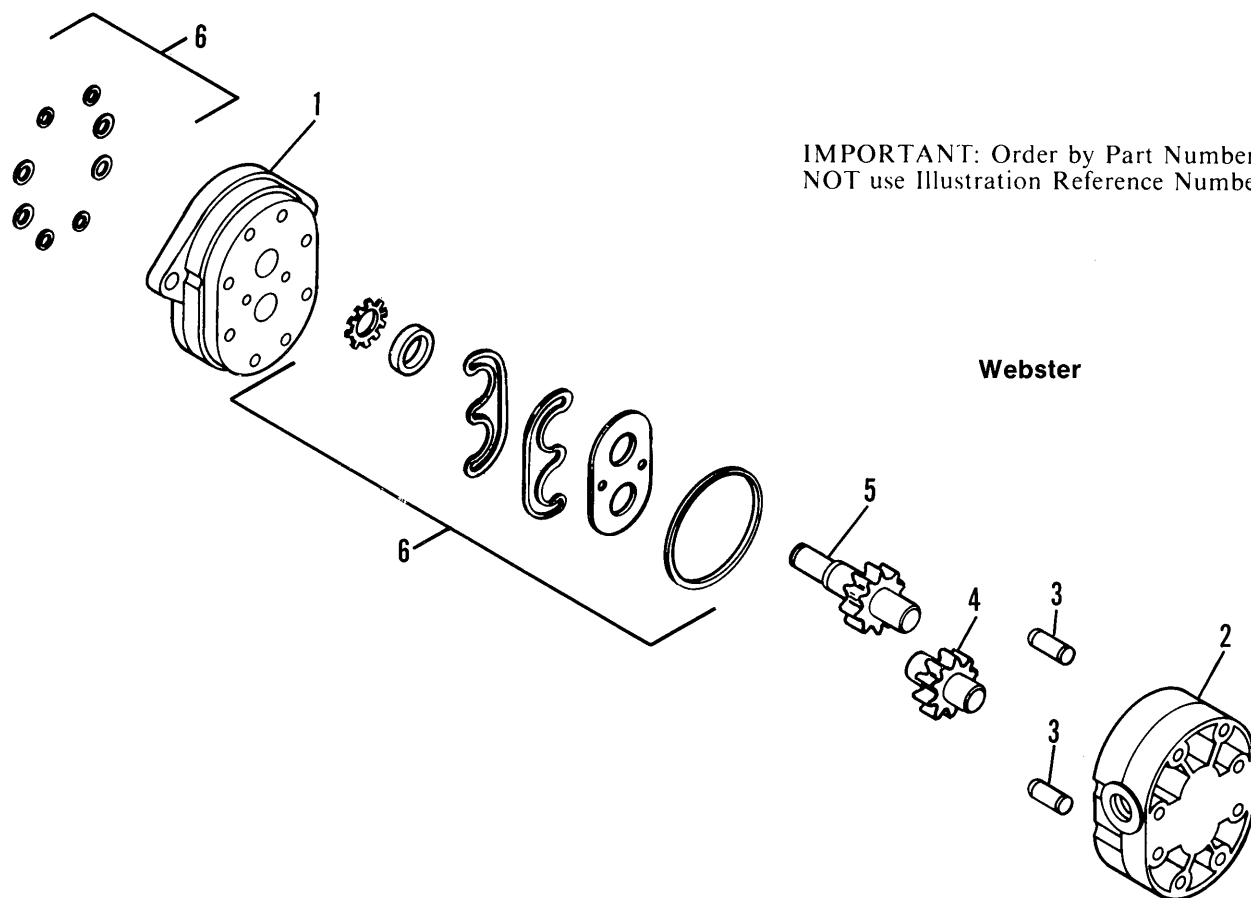


Ref. No.	Part No.	Part Name	No. Req.
	061516	Gear Pump (Borg Warner).....	1
		Consists:	
1	602214	Body	1
2	602215	Cover.....	1
	650579	HHCS 3/8 x 1-3/4	4
3	602216	Dowel Pin.....	2
4	602217	Drive Gear	1
	655501	Woodruff Key 5/32 x 5/8	1

Ref. No.	Part No.	Part Name	No. Req.
5	602218	Driven Gear	1
6	602219	Wear Plate	1
7	602221	Thrust Plate	1
8	602226	Washer	4

NOTE: To order Pump Seal Kit, specify part #602225.

HL2600 - HYDRAULIC GEAR PUMP



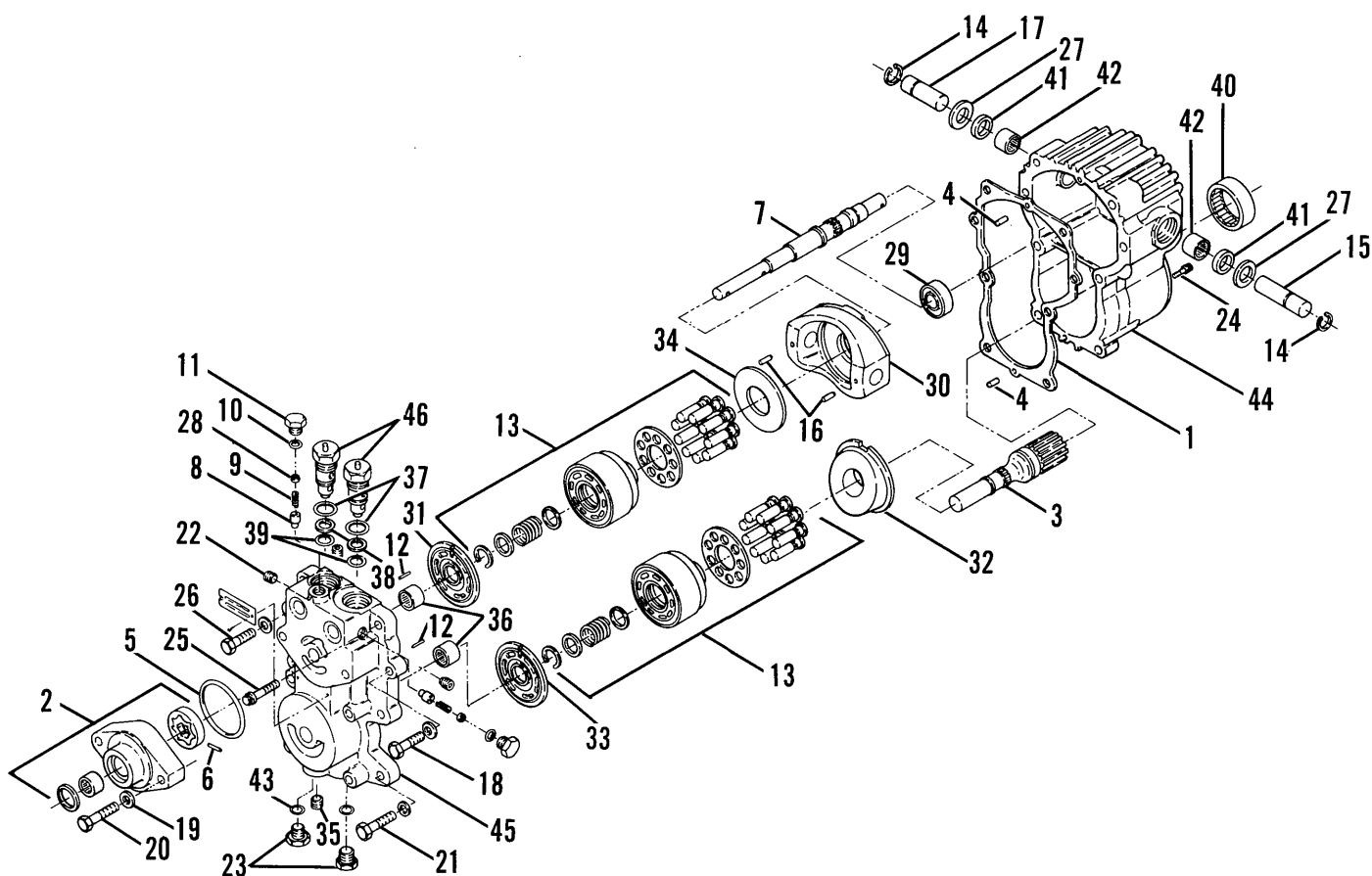
IMPORTANT: Order by Part Number - DO NOT use Illustration Reference Numbers.

Webster

Ref. No.	Part No.	Part Name	No. Req.
	067137	Gear Pump (Webster)	1
		Consists of:	
1	067139	Body	1
2	067140	Cover.....	1
	650917	SHCS	4
	650896	SHCS	4

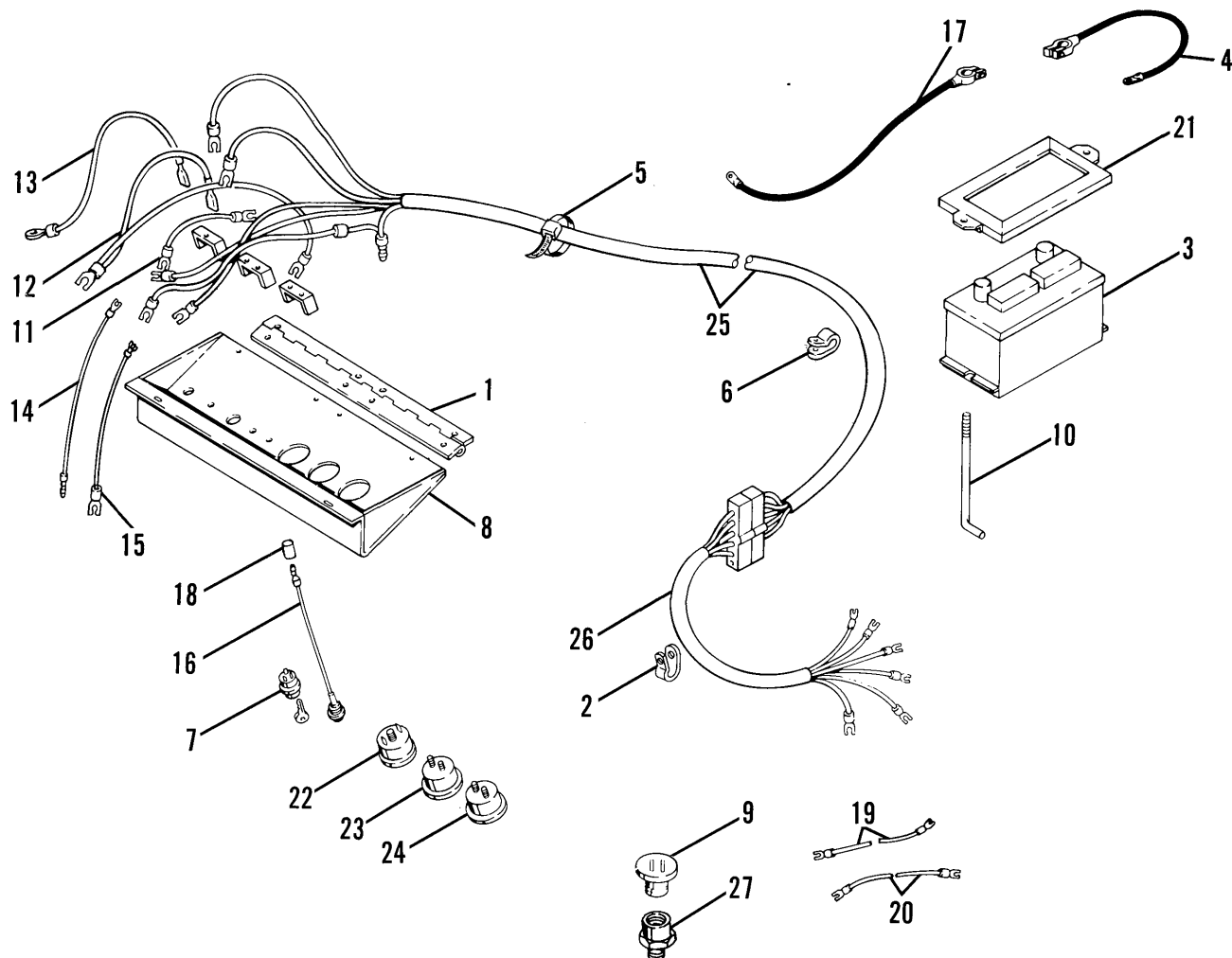
Ref. No.	Part No.	Part Name	No. Req.
3	067141	Dowel Pin.....	2
4	067145	Idler Shaft	1
5	067146	Drive Gear	1
	650688	Woodruff Key 5/32 x 5/8	1
6	069248	Pump Seal Kit	1

HL2600 - HYDROSTATIC TRANSMISSION



Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
	061514	Transmission Right Assembled	1	22	602099	Pipe Plug	2
	061515	Transmission Left Assembled	1	23	602100	Threaded Plug	2
1	064338	Housing Gasket	1	24	602101	12 Point Cap Screw	2
2	066798	Pump Repair Kit	1	25	602102	12 Point Cap Screw	2
		(Includes One Charge Pump Housing, One Gerotor, One Needle Bearing, One Lip Seal)		26	602103	Hexagon Head Cap Screw	1
3	602075	Motor Shaft	1	27	602104	Washer	2
4	602076	Straight Headless Pin	2	28	602108	Shim Pack	As Req.
5	602078	"O" Ring	1	29	602109	Ball Bearing	1
6	602080	Straight Headless Pin	1	30	602110	Swash Plate	1
7	602081	Pump Shaft	1	31	602111	Valve Plate - Right	1
8	602082	Relief Valve Cone	1		602123	Valve Plate - Left	1
9	602083	Relief Valve Spring	1	32	602112	Variable Swash Plate	1
10	602084	"O" Ring	1	33	602113	Valve Plate	1
11	602085	Plug	1	34	602114	Thrust Plate	1
12	602086	Straight Headless Pin	2	35	602120	Pipe Plug	1
13	602088	Cylinder Block Kit	2	36	602121	Needle Bearing	2
14	602089	Retaining Ring	2	37	602423	"O" Ring	2
15	602090	Trunnion Shaft	1	38	602424	Back-up Ring	2
16	602091	Spring Pin	3	39	602425	"O" Ring	2
17	602092	Trunnion Shaft	1	40	602426	Roller Bearing	1
18	602094	Hexagon Head Cap Screw	1	41	602427	Lip Seal	2
19	602095	Plain Washer	2	42	602428	Needle Bearing	2
20	602096	Hexagon Head Cap Screw	2	43	602429	"O" Ring	2
21	602097	Hexagon Head Cap Screw	4	44	602431	Transmission Housing	1
				45	602432	Center Section	1
				46	602433	Check Valve	2

HL2600 - ELECTRICAL SYSTEM



Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	17H394	Hinge.....	1	11	063065	Ignition Switch to Ammeter Wire.....	1
	650542	CB 1/4 x 1/2	4	12	063066	Ignition Switch to Oil Pressure Gauge and Hourmeter Wire.....	1
	(4) 1/4 HLN			13	063067	Hourmeter Ground Wire	1
2	054812	J-Clamp	1	14	063068	Fuel Pump to Engine Terminal Block Wire	1
		(Used after Serial #699)		15	063069	Oil Pressure Sender Wire	1
3	054983	Battery - 12 Volt	1	16	063073	Warning Light	1
4	054984	Ground Cable	1	17	063077	Battery Cable - 29-1/2'	1
	650488	HHCS 3/8 x 3/4	1	18	063467	Connector.....	2
5	055648	Wire Tie	9	19	063653	Vacuum Switch Jumper Wire	2
6	056773	Clamp	1			(One req. before Serial #1888)	
	650618	STS 5/16 x 5/8	2	20	063666	Vacuum Switch Jumper Wire	1
	(2) 5/16 LW			21	064111	Battery Hold-down	1
7	061523	Ignition Switch	1	22	067782	Hourmeter	1
8	062145	Instrument Panel.....	1			(Used after Serial #1188)	
	650542	HHCS 1/4 x 1/2	4	054946		Hourmeter	1
	650315	Self-tapping Screw 1/4 x 1/2.....	2			(Used before Serial #1189)	
	(4) 1/4 HLN						
9	062147	Vacuum Switch	2				
10	062148	Battery Hold-down Bolt.....	2				
	(2) 5/16 PW - (2) WN						

Continued ►

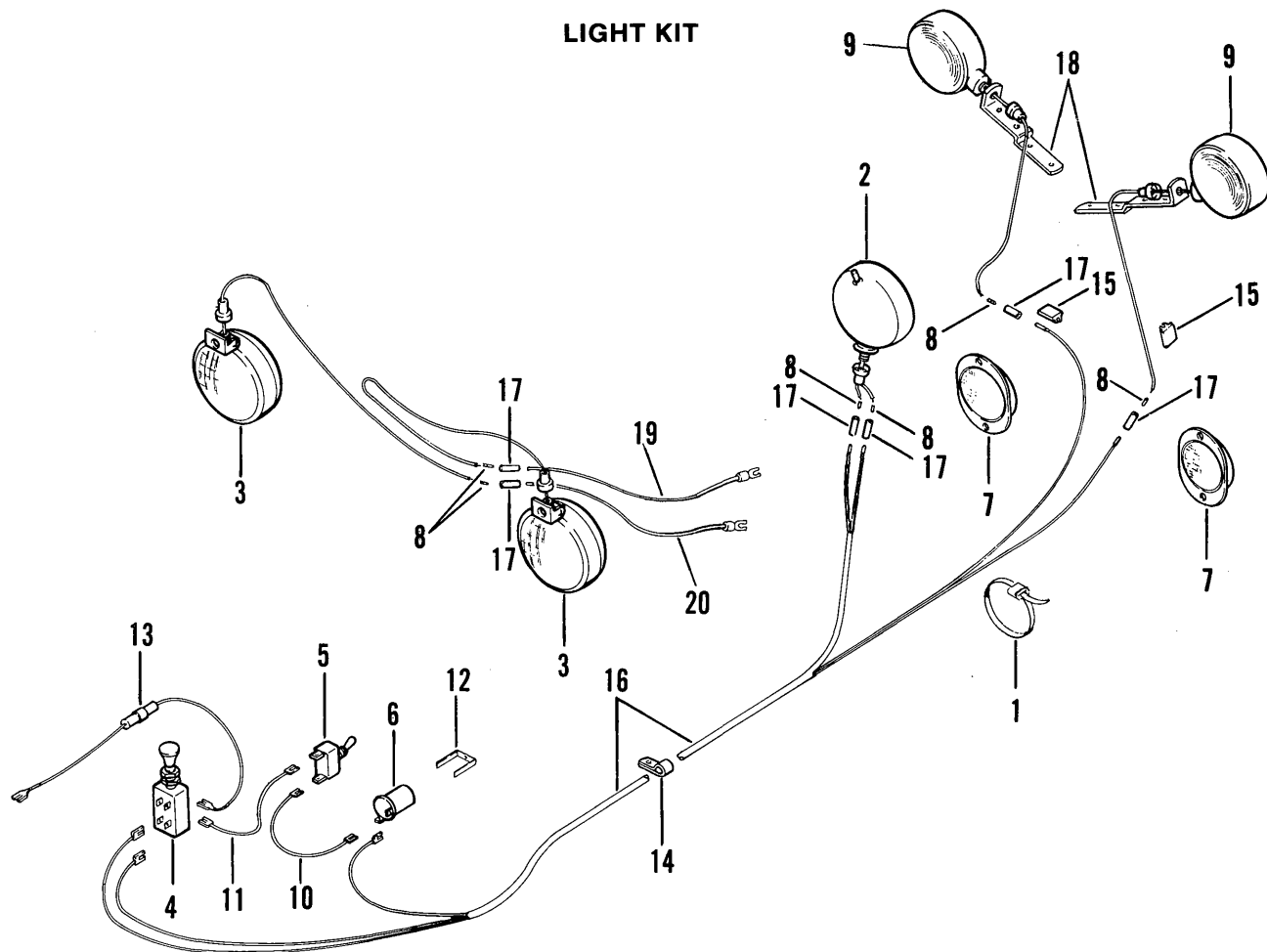
HL2600 - ELECTRICAL SYSTEM

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
23	067783	Ammeter.....	1		063062B	Main Wire Harness.....	1
		(Used after Serial #1188)				(Used before Serial #1189)	
	054945	Ammeter.....	1	26	068269	Engine Wire Harness	1
		(Used before Serial #1189)				(Used after Serial #1188)	
24	067784	Oil Pressure Gauge	1		063063B	Engine Wire Harness	1
		(Used after Serial #1188)				(Used before Serial #1189)	
	056816A	Oil Pressure Gauge	1	27	660043	Reducer Bushing - 1/4 x 1/8	2
		(Used before Serial #1189)					
25	068268	Main Wire Harness	1				
		(Used after Serial #1188)					

A For Replacement, order part #067784.

B For Replacement, order part #068268 & #068269.

LIGHT KIT



Ref. No.	Part No.	Part Name	Req.	No.	Ref. No.	Part No.	Part Name	No. Req.
	801382	Light Kit	1		10	055931	Wire Assembly	1
		Consists of:			11	055933	Wire Assembly	1
1	055648	Wire Tie	6		12	055934	Flasher Mounting Bracket	1
2	055921	Work and Tail Lamp	1		13	055955	In-Line Fuse	1
3	055922	Head Lamp	2		14	058615	Insulated Hose Clamp	1
4	055923	Light Switch	1		15	063064	Clip	2
5	055924	Toggle Switch	1		16	063466	Wire Harness	1
6	055925	Heavy Duty Flasher	1		17	063467	Electric Connector	6
7	055926	Reflector	2		18	063468	Light Bracket	2
8	055927	Male Snap-on Terminal	6		19	063853	Wire - Headlight	1
9	055929	Warning Lamp	2		20	063854	Wire - Headlight	1

**801381
HYDRAULIC KIT**

The diagram illustrates the components of the 801381 Hydraulic Kit. Key parts include:

- Hoses:** Multiple hoses of varying lengths, labeled 7, 10, 13, 14, 22, 24, and 26.
- Fittings and Connectors:** Various types of fittings, including elbows, tees, and end caps, labeled 1, 3, 4, 5, 6, 9, 11, 12, 13, 15, 16, 18, 19, 20, 21, 23, 25, and 28.
- Valve Assembly:** A central valve or solenoid assembly, labeled 2.
- Mounting Hardware:** Brackets and plates for installation, labeled 8, 17, and 27.

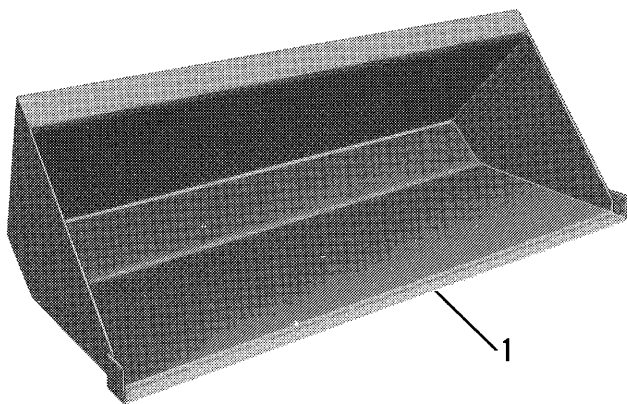
33

HL2600 - OPTIONAL ACCESSORIES

UTILITY BUCKET (50" Wide - Capacity 5.7 Cu. Ft.)

Ref. No.	Part No.	Part Name	No. Req.
1	062326	Utility Bucket	1

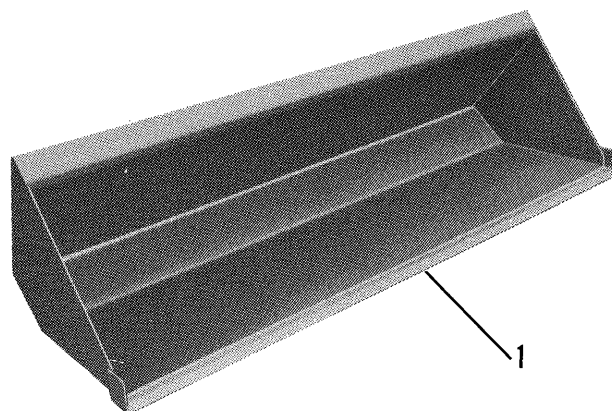
To order Replacement Cutting Edge, specify part number 062327.



UTILITY BUCKET (54" Wide - Capacity 6-3/4 Cu. Ft.)

Ref. No.	Part No.	Part Name	No. Req.
1	062298	Utility Bucket	1

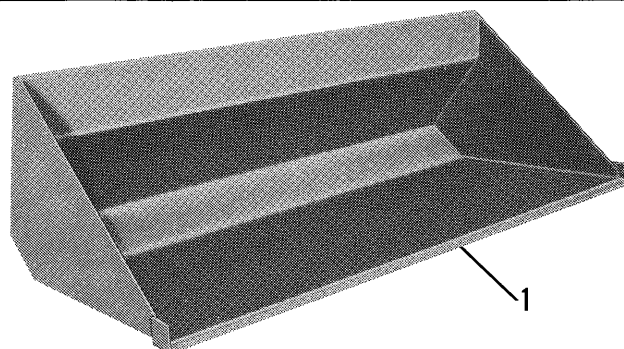
To order Replacement Cutting Edge, specify part number 062299.



LIGHT MATERIAL BUCKET (72" Wide - Capacity 15 Cu. Ft.)

Ref. No.	Part No.	Part Name	No. Req.
1	062313	Light Material Bucket	1

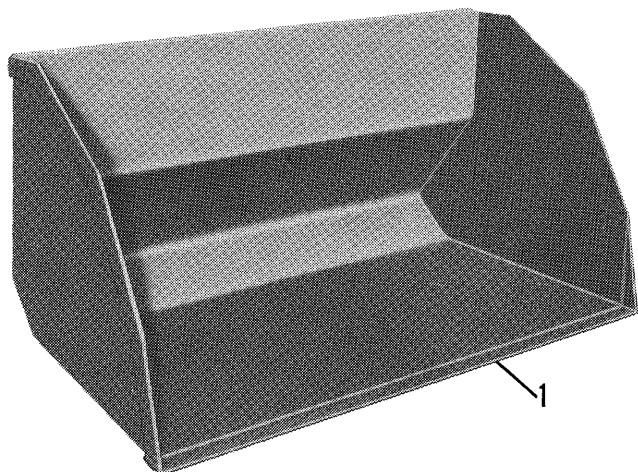
To order Replacement Cutting Edge, specify part number 062314.



FERTILIZER BUCKET (54" Wide - Capacity 12 Cu. Ft. Struck)

Ref. No.	Part No.	Part Name	No. Req.
1	062329	Fertilizer Bucket	1

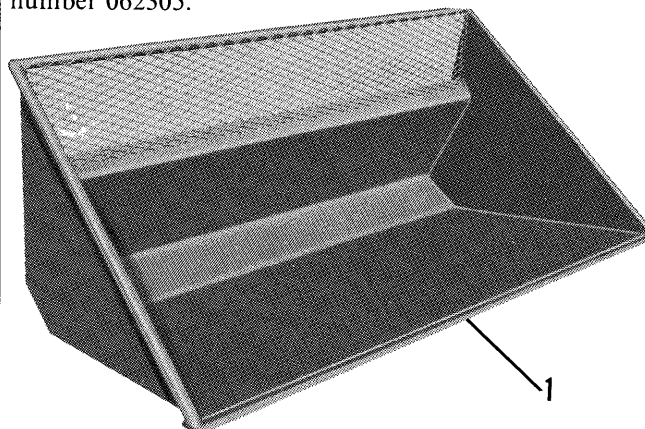
To order Replacement Cutting Edge, specify part number 062299.



PRODUCE BUCKET (60" Wide - Capacity 11 Cu. Ft.)

Ref. No.	Part No.	Part Name	No. Req.
1	062304	Produce Bucket	1

To order Replacement Cutting Edge, specify part number 062305.

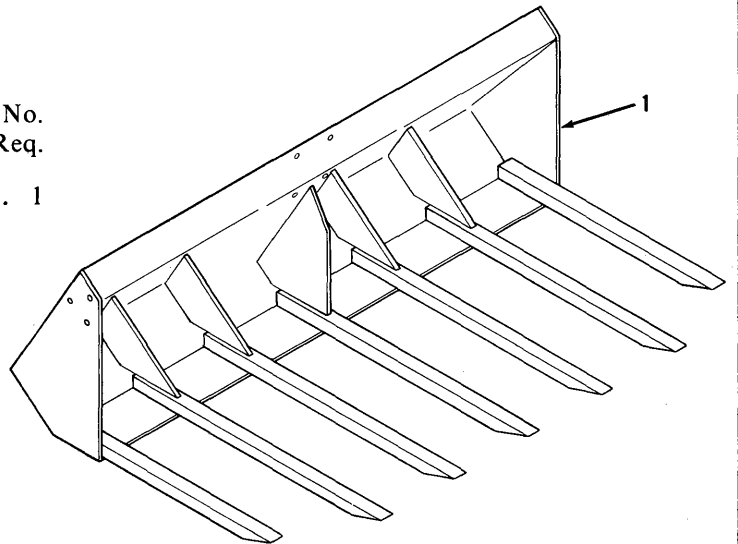


*Screen portion is not used in determining capacity.

801375 MANURE FORK

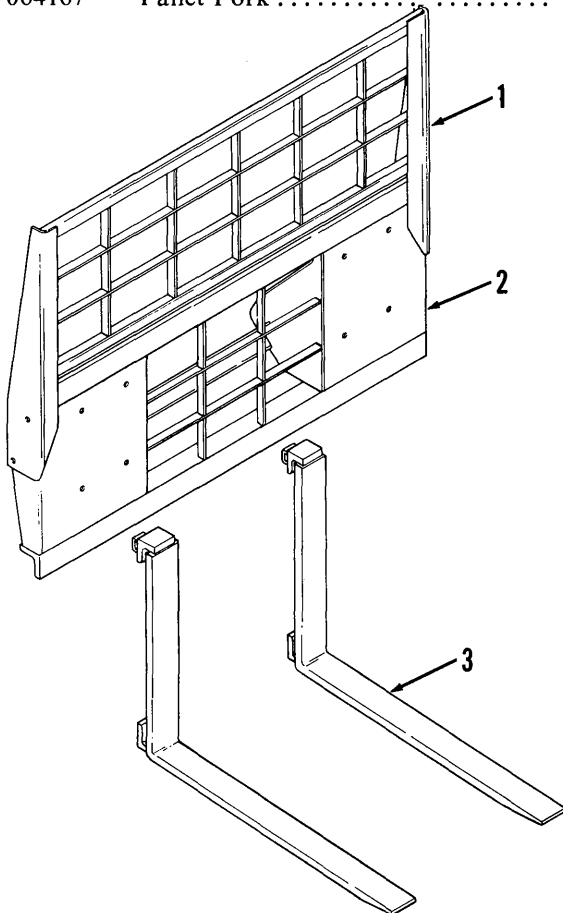
(54" Wide - 7 Tines)

Ref. No.	Part No.	Part Name	No. Req.
1	062319	Manure Fork	1
		To order Short Tine, specify part #062323; to order Long Tine, specify part #062324; to order Tine Support Gusset, specify part #064261; to order Center Tine Support, specify part #071258.	



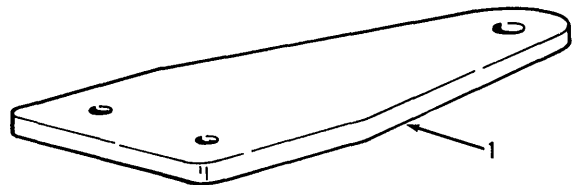
801379 PALLET FORK (30" Forks - Adjustable Width)

Ref. No.	Part No.	Part Name	No. Req.
1	061540	Pallet Fork Backrest	1
	650494	HHCS 1/2 x 1	4
		(4) 1/2 HN - (4) LW	
2	064160	Pallet Fork Carriage	1
3	064167	Pallet Fork	2



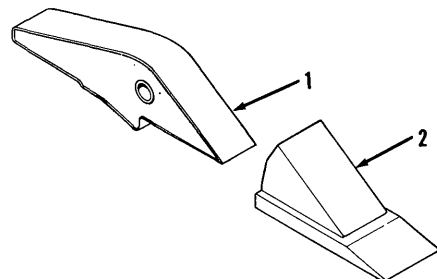
801369 DRAWBAR

Ref. No.	Part No.	Part Name	No. Req.
1	062547	Drawbar	1
	650453	HHCS 1/2 x 1-1/2	2
		(2) 1/2 HLN	



800679 BUCKET TOOTH

Ref. No.	Part No.	Part Name	No. Req.
1	055944	Bucket Tooth	8
2	058388	Bucket Tooth Point	8

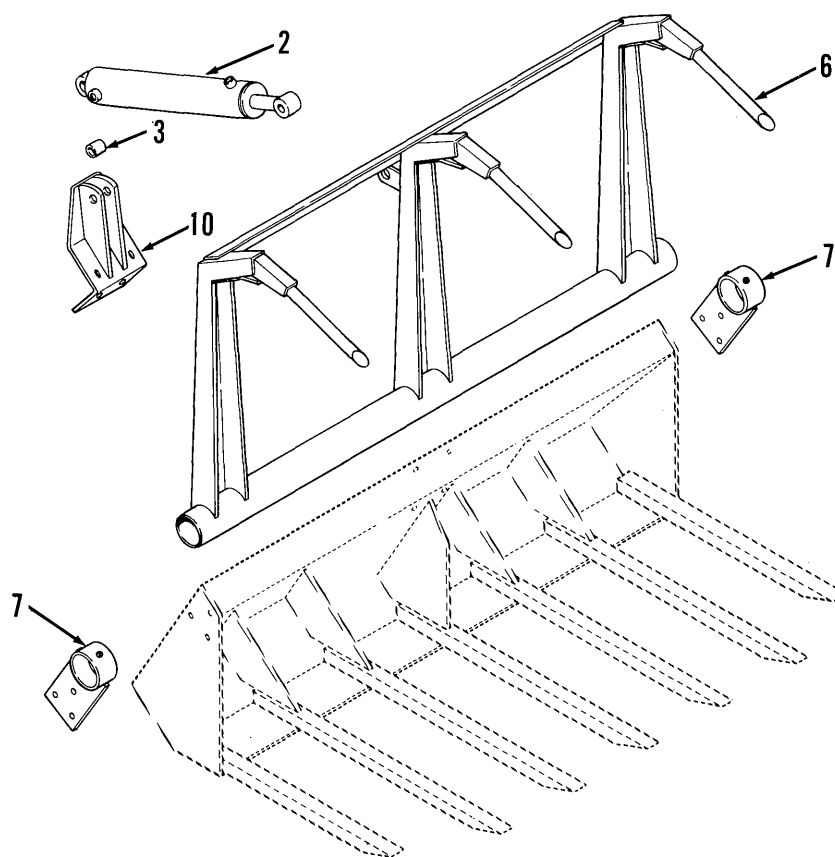


HL2600 - OPTIONAL ACCESSORIES

801380 GRAPPLE FORK

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	056080	Quick-disconnect - (Male)	2	7	063879	Grapple Mount	2
		(Not Shown)			570002	Grease Fitting	2
2	062139A	Hydraulic Cylinder (Columbus) . . .	1		650491	HHCS 3/8 x 1-1/4	6
	062393A	Hydraulic Cylinder (Lantex)	1		(6) 3/8 HLN		
3	062140	Bushing	1	8	063884	Hose (Not Shown)	1
4	062405	Male Elbow (Not Shown)	2	9	063885	Hose (Not Shown)	1
5	063592	STA Strap (Not Shown)	1	10	071262	Cylinder Mounting Bracket	1
6	063873	Grapple Fork	1		650495	HHCS 1/2 x 1-1/4	4
	650711	HHCS 3/4 x 3	1		(4) 1/2 HLN - (4) PW		
	(1) 3/4 HLN						

A See page 22 for Hydraulic Cylinder Service Parts.



HL2600 - NUMERICAL INDEX

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A162	8	055071	22	061540	35	062109	11,15
9H300	20	055335	25	061580	25	062110	8
17H394	30	055648	25,30,32	061695	6	062111	5
D932A	25	055896	26	061696	6	062115	9
H6149	11	055910	20	061697	6	062118	5
H8354	11,15	055921	32	061851	7	063120	11,15
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M12234	11	055923	32	061854	18	062126	11
040000		055924	32	061857	13,18	062127	11
040775	11,15	055925	32	061859	5	062128	25
042162	11,15	055926	32	061905	11,15	062129	25
042163	11,15	055927	6,32	061958	5	062130	5
042826	15	055929	32	062006	5	062135	25
042855	19	055931	32	062012	5	062136	5
045581	11,15	055933	32	062013	5	062137	22,25
046019	11	055934	32	062016	5	062138	20
046023	11,15	055944	35	062017	5	062139	22,25,36
047269	5	055955	32	062018	7	062140	20,36
047542	11,15	056076	33	062019	7	062141	20
047699	26	056077	33	062020	7	062145	30
047711	26	056080	36	062021	7	062147	30
047714	26	056082	33	062022	7	062148	30
047721	26	056089	33	062023	7	062149	20
047722	26	056287	11,15	062024	7	062169	20
047724	26	056669	11,15	062025	7	062172	20
047801	15	056773	5,30	062026	7	062175	20
047802	15	056816	31	062027	5	062191	20
050000		057029	6	062029	11	062193	11,15
051387	33	057148	22	062030	11	062194	5
051392	33	057157	22	062033	11	062205	5
051393	33	057655	25	062034	11	062209	5
053329	11,15	057991	25	062035	11	062216	20
053330	11,15	057992	25,33	062039	11,15	062220	5
053331	19	058388	35	062040	11	062232	11
054202	8	058615	32	062041	11	062236	11
054770	33	058805	33	062047	11	062256	5
054812	30	058859	25	062048	11	062271	8
054841	8	059292	18	062049	11	062272	25
054842	8,33	060000		062050	11,15	062273	25
054854	25	060107	18	062054	13	062275	25
054856	33	060644	26	062057	11,15	062276	7
054886	6	061112	8	062060	13	062277	25
054901	8	061166	6	062064	13	062278	25
054940	5	061188	26	062067	11	062279	25
054945	31	061510	25	062068	11	062282	7
054946	30	061511	25	062069	13	062298	34
054959	6	061512	7	062070	13	062299	34
054982	25	061513	7	062081	9	062304	34
054983	30	061514	25,29	062086	9	062305	34
054984	30	061515	25,29	062091	8	062313	34
055014	6	061516	25,27	062093	8	062314	34
055015	6	061519	25	062094	9	062319	35
055016	6	061520	5	062098	8	062323	35
055017	6	061522	7	062100	8	062324	35
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TORQUE SPECIFICATIONS FOR STANDARD MACHINE HARDWARE

SIZE	SAE GRADE #2 		SAE GRADE #5 		SAE GRADE #8 	
	DRY	LUB.	DRY	LUB.	DRY	LUB.
8 - 32	19 In. Lbs.	14 In. Lbs.	30 In. Lbs.	22 In. Lbs.	41 In. Lbs.	31 In. Lbs.
8 - 36	20 "	15 "	31 "	23 "	43 "	32 "
10 - 24	27 "	21 "	43 "	32 "	60 "	45 "
10 - 32	31 "	23 "	49 "	36 "	68 "	51 "
1/4 - 20	66 "	50 "	9 Ft. Lbs.	75 "	12 Ft. Lbs.	9 Ft. Lbs.
1/4 - 28	76 "	56 "	10 "	86 "	14 "	10 "
5/16 - 18	11 Ft. Lbs.	9 Ft. Lbs.	17 "	13 Ft. Lbs.	25 "	18 "
5/16 - 24	12 "	9 "	19 "	14 "	25 "	20 "
3/8 - 16	20 "	15 "	30 "	23 "	45 "	35 "
3/8 - 24	23 "	17 "	35 "	25 "	50 "	35 "
7/16 - 14	32 "	24 "	50 "	35 "	70 "	55 "
7/16 - 20	36 "	27 "	55 "	40 "	80 "	60 "
1/2 - 13	50 "	35 "	75 "	55 "	110 "	80 "
1/2 - 20	55 "	40 "	90 "	65 "	120 "	90 "
9/16 - 12	70 "	55 "	110 "	80 "	150 "	110 "
9/16 - 18	80 "	60 "	120 "	90 "	170 "	130 "
5/8 - 11	100 "	75 "	150 "	110 "	220 "	170 "
5/8 - 18	110 "	85 "	180 "	130 "	240 "	180 "
3/4 - 10	175 "	130 "	260 "	200 "	380 "	280 "
3/4 - 16	200 "	150 "	300 "	220 "	420 "	320 "
7/8 - 9	170 "	125 "	430 "	320 "	600 "	460 "
7/8 - 14	180 "	140 "	470 "	360 "	660 "	500 "
1 - 8	250 "	190 "	640 "	480 "	900 "	680 "
1 - 12	270 "	210 "	710 "	530 "	1000 "	740 "

Multiply In. Lbs. by (8.890) or Ft. Lbs. by (1.383) for metric Nm

NOTE: These torque values are to be used for all GEHL hardware excluding: locknuts, self-tapping screws, thread forming screws, and sheet metal screws. Unless otherwise noted, all torque values must meet this specification.

GEHL®

FARM EQUIPMENT

GEHL COMPANY WEST BEND, WISCONSIN 53095 U.S.A.

New wiring v2.1 3-27-2016

